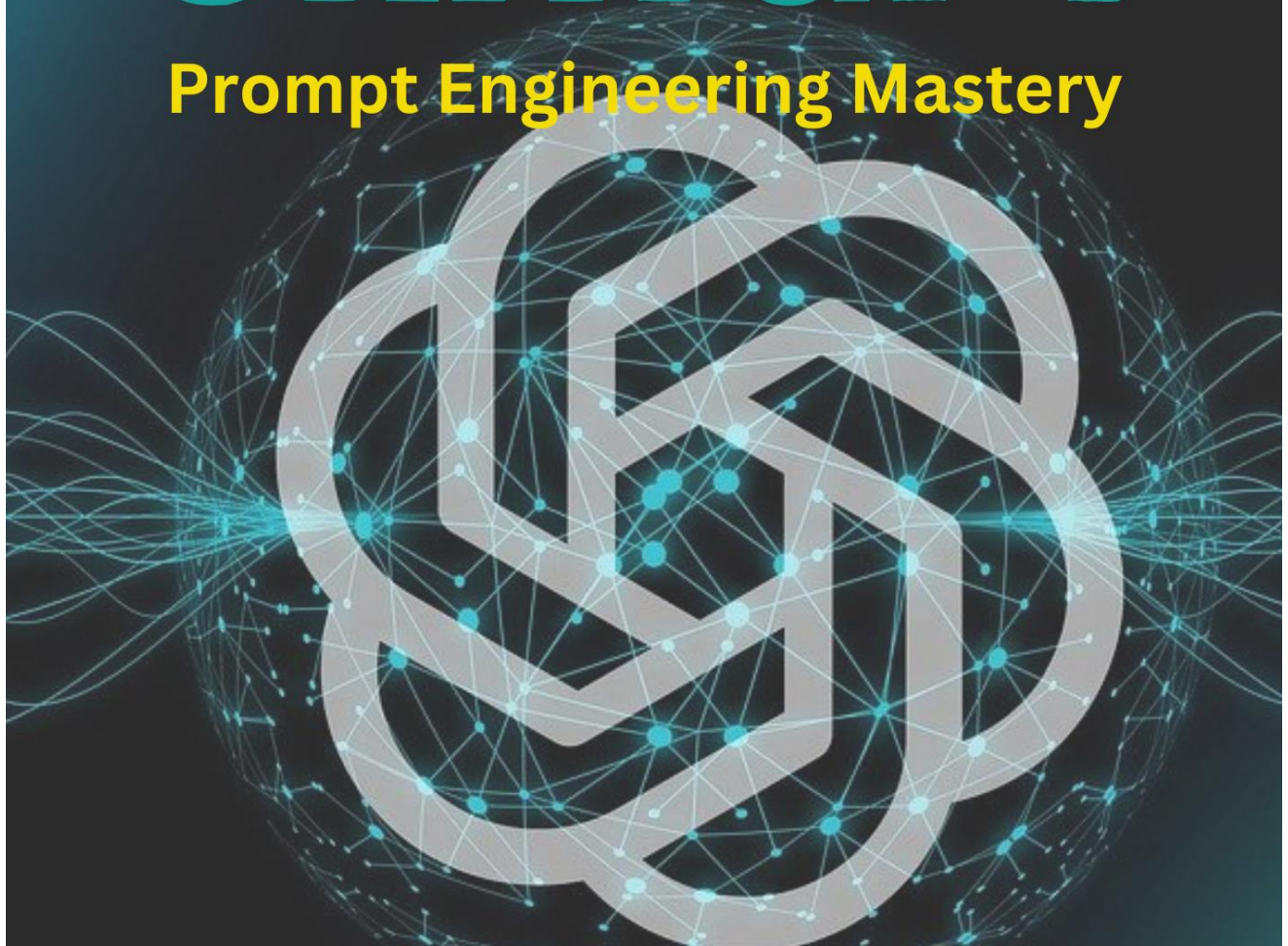# CHATGPT

Prompt Engineering Mastery

Learn How To Write Effective Prompt

Tapas Pal

THE BIGGEST CONCERN- Which is Not Correct

'' ChatGPT & Other AI Tools Will Be Replaced in The Place of Human, So People will Lose Work''

➢ Are You Thinking So? Here is the answer...........................

The rapid advancement of AI tools like ChatGPT has sparked concerns about job displacement. While it's true that AI can automate certain tasks, it's essential to understand the broader picture.

The Role of AI in the Workforce:

➢ **Augmentation, Not Replacement**: AI tools are designed to augment human capabilities, not replace them. They handle repetitive and time-consuming tasks, allowing humans to focus on more complex, creative, and strategic

➢ **New Opportunities**: The rise of AI also creates new job opportunities. There is a growing demand for roles such as AI specialists, data analysts, and digital marketers who can work with AI technologies.

➢ **Increased Efficiency**: By automating mundane tasks, AI increases overall efficiency and productivity, enabling businesses to grow and innovate. This growth can lead to the creation of more jobs in the long term.

How to Adapt and Thrive:

➢ **Skill Development**: It's crucial to stay updated with new technologies and continuously develop relevant skills. Learning how to use AI tools like ChatGPT can make you more valuable in the job market.

➢ **Focus on Creativity and Strategy**: AI excels at data processing and automation, but it lacks human creativity, empathy, and strategic thinking. Emphasizing these unique human traits in your work can ensure your irreplaceability.

➢ **Embrace Lifelong Learning**: The job landscape is evolving, and adaptability is key. Engage in lifelong learning to keep pace with technological advancements and remain competitive.

Conclusion: While AI tools like ChatGPT will change the nature of certain jobs, they are unlikely to replace humans entirely. Instead, they offer opportunities for growth and innovation. By embracing AI and focusing on continuous skill development, we can leverage these tools to enhance our work and open new career pathways.

ChatGPT URL: ChatGPT

+ What You Will Learn:

+ What is ChatGPT?

+ 10 Most Important Facts Everyone Must Know About ChatGPT!

+ Why ChatGPT? Benefits of Using ChatGPT.

+ Who can use ChatGPT for the best result and how?

+ What is Prompt Engineering?

+ Key Aspects of Prompt Engineering!

+ How to write effective prompt for best results. (30+ Modules, 90+ Examples)

+ How to write effective prompts (Advanced). (25+ Modules, 100+ Examples)

+ Tips and tricks.

+ Conclusion:

★ <u>What is ChatGPT?</u>

>> ChatGPT, developed by OpenAI, is an advanced language model based on the GPT (Generative Pre-trained Transformer) architecture. It is designed to understand and generate human-like text, making it versatile in tasks such as answering questions, providing explanations, creating content, and engaging in conversations. Its capabilities stem from extensive training on diverse text data, enabling coherent and contextually relevant responses. ChatGPT is widely utilized in various applications including customer service, virtual assistants, and content creation.

<u>Key Details:</u>

+ OpenAI Founding: December 2015, by Elon Musk, Sam Altman, Greg Brockman, Ilya Sutskever, Wojciech Zaremba, and John Schulman.

+ GPT Development Timeline:

  o First GPT Model: Released in 2018.

  o GPT-2: Released in 2019.

  o GPT-3: Released in 2020.

o ChatGPT: Officially launched in November 2022, based on GPT-3.

o GPT-4: Released in March 2023, offering enhanced text generation and understanding.

o ChatGPT Plus: Launched in February 2023, providing access to GPT-4 features through a subscription.

ChatGPT represents a significant advancement in natural language processing, continually evolving through the GPT series to refine language understanding, improve contextual relevance, and expand its applications.

★ [10 Most Important Facts Everyone Must Know About ChatGPT!](#)

+ **Advanced AI Technology:** Built on the GPT-4 architecture, offering state-of-the-art natural language understanding and generation.

+ **Versatility:** Used for a wide range of applications, including customer support, content creation, and educational assistance.

+ **Quick Responses:** Generates high-quality text quickly, saving time and effort in various tasks.

+ **Scalability**: Handles numerous interactions simultaneously, suitable for businesses of all sizes.

+ **Cost-Efficiency:** Automates routine tasks, reducing the need for additional staffing and cutting operational costs.

+ **User-Friendly:** Easy to integrate and use, even for those with limited technical skills.

+ **Continuous Learning:** Regularly updated with new data and improvements, ensuring better performance over time.

+ **Enhanced User Experience:** Provides coherent, contextually appropriate, and engaging responses.

+ **Multi-Language Support:** Capable of interacting in multiple languages, making it useful globally.

+ **Ethical Considerations:** Users must verify information and be aware of potential biases in responses.

★ Benefits of Using ChatGPT!

>>The most effective benefits of using ChatGPT

➢ **Increased Productivity:**

+ **Quick Content Generation:** Produces high-quality text rapidly, saving time on writing and editing tasks.

+ **Automated Responses:** Handles routine customer queries efficiently, allowing human agents to focus on complex issues.

➢ **Cost Savings:**

+ **Reduced Labor Costs:** Automates repetitive tasks, minimizing the need for additional staffing.

+ **Scalable Solutions:** Manages large volumes of interactions without proportional increases in costs.

➢ **Enhanced Customer Experience:**

+ **24/7 Availability:** Provides round-the-clock support and information, improving customer satisfaction.

+ **Personalized Interactions:** Delivers tailored responses based on user input, enhancing engagement and relevance.

➢ **Versatility:**

+ **Wide Range of Applications:** Applicable in various fields such as marketing, customer service, education, healthcare, and more.

+ **Multi-Language Support:** Can interact in multiple languages, expanding its usability globally.

➢ **Creativity and Innovation:**

+ **Idea Generation:** Assists in brainstorming and developing new concepts, stories, and strategies.

+ **Content Diversification:** Helps create diverse types of content, from blog posts to social media updates and beyond.

➢ **Improved Efficiency:**

+ **Streamlined Processes:** Automates and speeds up workflows, from drafting emails to generating reports.

+ **Consistent Quality:** Ensures consistent and high-quality output, reducing the need for extensive revisions.
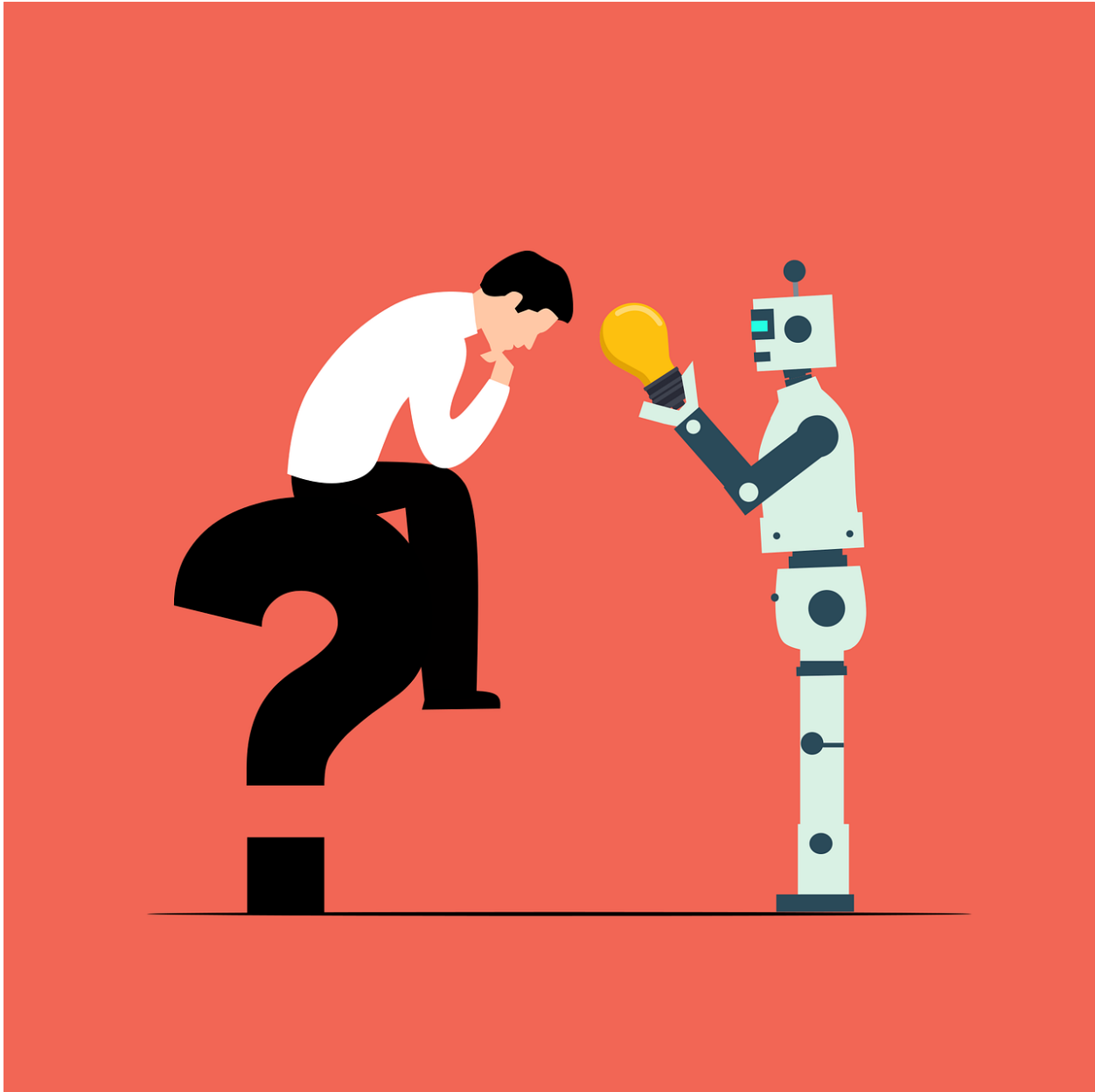
➢ **Accessibility:**

+ **User-Friendly Interface:** Easy to integrate and use, even for those with limited technical skills.

+ **Broad Reach:** Accessible to businesses of all sizes, from startups to large enterprises.

➢ **Data-Driven Insights:**

+ **Analytical Capabilities:** Summarizes and interprets complex data, providing valuable insights and aiding decision-making.

+ **Market Research:** Assists in gathering and analyzing market trends and customer feedback.

★   [Who can use ChatGPT for the best result and how?](#)

☺Businesses:

+ **Customer Support:** Automate responses to common queries and improve customer service.

  - **Automated Responses:** Provide quick and accurate answers to common customer queries.

  - **24/7 Availability:** Offer round-the-clock support without additional staffing

+ **Marketing:** Create engaging content, social media posts, and advertisements.

  - **Content Creation:** Generate high-quality blog posts, social media content, and marketing materials.

  - **Ad Copy:** Create compelling advertisements and promotional text.

  - **SEO Optimization:** Develop keyword-rich content to boost search engine rankings.

+ **Sales:** Generate leads, follow-up emails, and personalized sales pitches.

- **Lead Generation:** Craft personalized sales pitches and follow-up emails.

- **Customer Engagement:** Maintain continuous engagement with potential clients.

☺Content Creators:

+ **Writers and Bloggers:** Assist in drafting articles, blog posts, and stories.

+ **Video Creators:** Develop scripts and dialogue.

+ **Social Media Influencers:** Generate posts and engage with followers.

☺Educators and Students:

+ **Teachers:** Create lesson plans, quizzes, and educational materials.

+ **Students:** Assist with research, essay writing, and homework.

+ **Tutors:** Provide personalized tutoring and explanations.

☺Developers:

+ **Software Developers:** Integrate ChatGPT into applications for enhanced user interactions.

+ **Chatbot Developers:** Build intelligent chatbots for websites and apps.

☺ Healthcare Professionals:

+ **Medical Staff:** Assist with patient communication and information dissemination.

+ **Mental Health Counselors:** Provide initial support and resources.

☺Individuals:

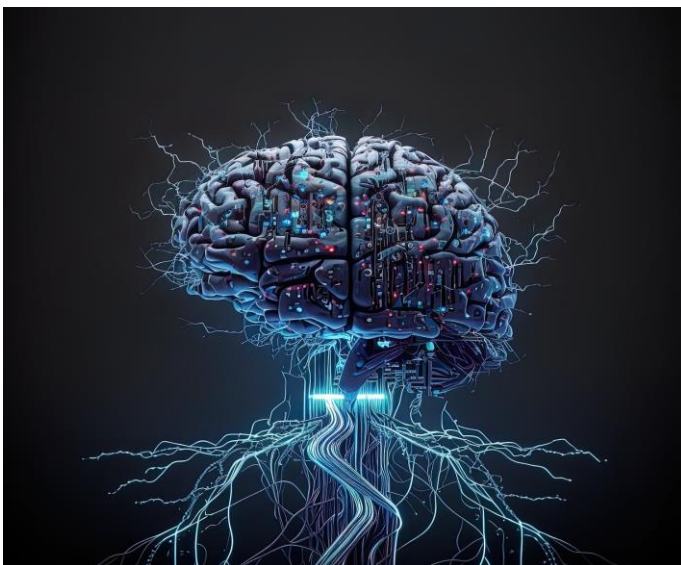+ **Daily Use:** Answer questions, draft emails, and provide recommendations.

+ **Hobbyists:** Engage in interactive storytelling, game development, and creative projects.

☺Researchers:

+ **Data Analysts:** Generate reports, summaries, and insights.

+ **Academic Researchers:** Aid in literature reviews and academic writing.

☺Small Business owners:

+ **Operational Efficiency:** Automate routine tasks to save time and reduce costs.

+ **Customer Interaction:** Enhance customer experience with prompt and accurate responses.

<u>What is Prompt Engineering?</u>

Prompt engineering is the practice of designing and optimizing input prompts to achieve the best possible responses from a language model like ChatGPT. It involves crafting specific, detailed, and context-rich prompts that guide the model to produce desired outputs.

★ Key Aspects of Prompt Engineering:

1. Crafting Clear and Specific Prompts:

+ **Precision:** Use clear and precise language to avoid ambiguity in the model's responses.

+ **Contextual Information:** Provide necessary context to help the model understand the background and generate relevant answers.

2. Using Examples and Instructions:

+ **Examples:** Include examples of desired outputs to give the model a reference point.

+ **Instructions:** Offer specific instructions on the format, style, or tone of the response.

3. Experimentation and Iteration:

+ **Testing Variations:** Experiment with different prompt structures and phrasings to see which produces the best results.

+ **Iterative Refinement:** Continuously refine prompts based on the quality of the model's outputs.

4. Controlling Response Length and Creativity:

+ **Max Tokens:** Set limits on the response length to ensure conciseness.

+ **Temperature Setting:** Adjust the temperature to control the creativity of the response (lower for focused, higher for creative).

5. Utilizing Advanced Techniques:

+ **Chain of Thought:** Break down complex tasks into smaller, manageable steps within the prompt.

+ **Few-Shot Learning:** Provide a few examples within the prompt to help the model learn the pattern or structure.

6. Monitoring and Feedback:

+ **Quality Review:** Regularly review the generated content for accuracy and relevance.

+ **Feedback Loop:** Implement a feedback mechanism to fine-tune the prompts based on the performance.

★ How to write effective prompts?

> Writing a prompt is an art. The more creative you will be the better you will write. You need to practice until you get the best version. Here are some rules and tips given by the industry experts. They are already using this formula and getting extreme benefits out of it. So, the thumb rule is that you must become creative, and that will come with practice only.

Tip 01: Be Clear and Specific

Ex 01:

+ **Basic:** Tell me about AI.
+ **Advance:** Explain the concept of artificial intelligence and its main applications in healthcare and finance (Any industry).

Ex 02:

- + **Basic:** Describe a car.
- + **Advance:** Describe the features and benefits of the latest electric cars compared to traditional gasoline cars.

Ex 03:

- + **Basic:** Write a story.
- + **Advance:** Write a short story about a young girl who discovers a hidden world in her backyard.

Tip 02: Provide Context

Ex 01:

- + **Basic:** Explain gravity.
- + **Advance:** Explain the concept of gravity as if you are teaching 1qit to a high school physics class.

Ex 02:

- + **Basic:** Discuss climate change.
- + **Advance:** Discuss the effects of climate change on polar bear habitats in the Arctic region.

Ex 03:

- + **Basic:** Write a recipe.
- + **Advance:** Write a recipe for a vegan chocolate cake, including step-by-step instructions and necessary ingredients.

Tip 03: Use Structured Instructions

Ex 01:

+ **Basic:** Describe the process of photosynthesis.
+ **Advance:** Outline the step-by-step process of photosynthesis, including the role of chlorophyll and sunlight.

Ex 02:

+ **Basic:** Teach me to code.
+ **Advance:** Provide a step-by-step tutorial on how to write a 'Hello World' program in Python.

Ex 03:

+ **Basic:** Explain data analysis.
+ **Advance:** Describe the steps involved in conducting a data analysis project, from data collection to reporting findings.

Tip 04: Include Examples or Samples

Ex 01:

+ **Basic:** Write an email.
+ **Advance:** Write a professional email requesting a meeting with a potential client and include a sample template.

Ex 02:

+ **Basic:** Create a social media post.
+ **Advance:** Create a social media post promoting a new online course and provide an example caption and image description.

Ex 03:

+ **Basic:** Write a job description.
+ **Advance:** Write a job description for a software developer position and include an example of required qualifications and responsibilities.

Tip 05: Set Expectations Clearly:

Ex 01:

+ **Basic:** Summarize a book.
+ **Advance:** Write a 200-word summary of the book 'To Kill a Mockingbird,' focusing on the main themes and characters.

Ex 02:

+ **Basic:** Describe a vacation.
+ **Advance:** Describe a week-long vacation itinerary for a family visiting Paris, including major attractions and dining recommendations.

Ex 03:

+ **Basic:** Write a report.
+ **Advance:** Write a two-page report on the impact of remote work on employee productivity, using recent research and statistics.

Tip 06: Avoid Ambiguity:

Ex 01:

+ **Basic:** Talk about technology.
+ **Advance:** Discuss the impact of blockchain technology on financial transactions and data security.

Ex 02:

+ **Basic:** Describe a plant.
+ **Advance:** Describe the characteristics and care requirements of a succulent plant, including watering and sunlight needs.

Ex 03:

+ **Basic:** Explain a process.
+ **Advance**: Explain the process of recycling plastic bottles, from collection to manufacturing new products.

Tip 07: Experiment and Refine:

Ex 01:

+ **Basic**: Write an article.
+ **Advance**: Write a 500-word article on the benefits of meditation for mental health, including scientific research and personal anecdotes.

Ex 02:

+ **Basic**: Create a guide.

+ **Advance**: Create a comprehensive guide on how to start a blog, covering domain registration, content creation, and SEO strategies.

Ex 03:

+ **Basic**: Write a review of the latest smartphone.
+ **Advance**: Write a detailed review of the latest smartphone model, discussing its features, performance, and value for money.

Tip 08: Monitor and Adjust:

Ex 01:

+ **Basic**: Describe an event.
+ **Advance**: Describe the key events and outcomes of the 2020 US presidential election.

Ex 02:

+ **Basic**: Write a biography of Marie Curie.
+ **Advance**: Write a brief biography of A P J Abdul Kalam, focusing on her scientific achievements and contributions to the world.

Ex 03:

+ **Basic**: Explain a theory of 'relativity'.

+ **Advance**: Explain the theory of relativity, highlighting its implications for modern physics and technology.

Tip 09: Consider Model Capabilities:

Ex 01:

+ **Basic**: Describe an app.
+ **Advance**: Describe the features and user experience of a popular productivity app, such as Trello or Asana.

Ex 02:

+ **Basic**: Explain a concept of Machine learning.
+ **Advance**: Explain the concept of machine learning, including types of algorithms and real-world applications.

Ex 03:

+ **Basic**: Write an essay.
+ **Advance**: Write a persuasive essay on the importance of renewable energy sources, providing evidence and examples to support your argument.

Tip 10: Provide Feedback:

Ex 01:

+ **Basic**: Explain blockchain.
+ **Advance**: Explain blockchain technology, focusing on its application in securing digital transactions.

Ex 02:

+ **Basic**: Describe software.
+ **Advance**: Describe the features and benefits of using Adobe Photoshop for graphic design.

Ex 03:

+ **Basic**: Write about climate change.
+ **Advance**: Write an article discussing the effects of climate change on coastal ecosystems, including recent research findings.

Tip 11: Use Keywords Effectively:

Ex 01:

+ **Basic**: Discuss AI.
+ **Advance**: Discuss the role of artificial intelligence in modern healthcare, emphasizing diagnostic tools and personalized treatment.

Ex 02:

+ **Basic**: Write about education.
+ **Advance**: Write about the impact of online learning platforms on higher education, focusing on accessibility and student engagement.

Ex 03:

+ **Basic**: Explain robotics.

+ **Advance**: Explain the advancements in robotics technology and their applications in industrial automation.

Tip 12: Tailor to Audience:

Ex 01:

+ **Basic**: Write a tech article.
+ **Advance**: Write an article on the latest advancements in AI, aimed at tech-savvy professionals looking to stay updated.

Ex 02:

+ **Basic**: Describe financial planning.
+ **Advance**: Create a financial planning guide for young adults in their 20s, focusing on budgeting, saving, and investing.

Ex 03:

+ **Basic**: Discuss mental health.
+ **Advance**: Write a blog post on mental health awareness for college students, including tips for managing stress and anxiety.

Tip 13: Include Constraints or Specifications:

Ex 01:

+ **Basic**: Write a story.
+ **Advance**: Write a 1000-word short story set in a dystopian future where AI governs society.

Ex 02:

- **Basic**: Describe a process.
- **Advance**: Describe the process of brewing craft beer, from selecting ingredients to bottling the final product.

Ex 03:

- **Basic**: Create a marketing/ Diet/ Tour/ Financial plan.
- Advance: Develop a marketing plan for launching a new eco-friendly product, including target audience, key messages, and promotional strategies.

Tip 14: Focus on Actionable Outputs:

Ex 01:

- **Basic**: Explain productivity.
- **Advance**: Provide actionable tips for improving workplace productivity, including time management techniques and tools.

Ex 02:

- **Basic**: Discuss fitness.
- **Advance**: Create a weekly fitness plan for beginners, including workout routines and nutritional advice.

Ex 03:

- **Basic**: Write about healthy eating.
- **Advance**: Write an article with practical tips for maintaining a balanced diet on a busy schedule.

Tip 15: Encourage Comprehensive Responses:

Ex 01:

+ **Basic**: Discuss climate change.
+ **Advance**: Provide a comprehensive analysis of the causes, effects, and potential solutions to climate change.

Ex 02:

+ **Basic**: Explain AI.
+ **Advance**: Explain the principles of artificial intelligence, including types of AI, key algorithms, and ethical considerations.

Ex 03:

+ **Basic**: Describe a project.
+ **Advance**: Detail the steps involved in managing a software development project, from planning to deployment.

Tip 16: Use Logical Flow:

Ex 01:

+ **Basic**: Write about blockchain.
+ **Advance**: Outline the key components and functionality of blockchain technology, including how it ensures security and transparency.

Ex 02:

+ **Basic**: Discuss project management.

+ **Advance**: Describe the phases of project management, from initiation and planning to execution and closure.

Ex 03:

+ **Basic**: Explain renewable energy.
+ **Advance**: Discuss the different types of renewable energy sources, including how they work and their environmental benefits.

Tip 17: Provide Background Information:

Ex 01:

+ Basic: Write about renewable energy.
+ Advance: Discuss the history and evolution of renewable energy technologies, including key milestones and breakthroughs.

Ex 02:

+ **Basic**: Explain a concept.
+ **Advance**: Provide a detailed explanation of quantum computing, including its development and potential applications.

Ex 03:

+ **Basic**: "Describe a system."
+ **Advance**: Describe the components and functionality of a smart home system, including key technologies and user benefits.

Tip 18: Specify Desired Format:

Ex 01:

+ **Basic**: Write a report.
+ **Advance**: Write a structured report on the economic impact of COVID-19, including an executive summary, data analysis, and conclusions.

Ex 02:

+ **Basic**: Create a list.
+ **Advance**: Create a checklist for starting a new business, covering legal, financial, and marketing aspects.

Ex 03:

+ **Basic**: Write an analysis.
+ **Advance**: Write a SWOT analysis (Strengths, Weaknesses, Opportunities, Threats) for a tech startup entering the AI market.

Tip 19: Use Conversational Tone:

Ex 01:

+ **Basic**: Explain cloud computing.
+ **Advance**: In a conversational tone, explain what cloud computing is and how it benefits small businesses.

Ex 02:

+ **Basic**: Describe a hobby.

+ **Advance**: Chat about the benefits of gardening as a hobby, including tips for beginners.

Ex 03:

+ **Basic**: Write a travel guide.
+ **Advance**: Create a friendly travel guide for solo travelers visiting Tokyo, including must-see attractions and safety tips.

Tip 20: Ask for Examples or Case Studies

Ex 01:

+ **Basic**: Explain digital marketing.
+ **Advance**: Explain digital marketing strategies with examples of successful campaigns from leading brands.

Ex 02:

+ **Basic**: Discuss AI ethics.
+ **Advance**: Discuss ethical considerations in AI development with real-world case studies illustrating potential risks and solutions.

Ex 03:

+ **Basic**: Describe a business strategy.
+ **Advance**: Describe the Blue Ocean Strategy with examples of companies that have successfully implemented it.

Tip 21: Use Comparisons

Ex 01:

+ **Basic**: Explain machine learning.
+ **Advance**: Compare supervised and unsupervised machine learning, highlighting key differences and use cases for each.

Ex 02:

+ **Basic**: Discuss electric cars.
+ **Advance**: Compare the benefits and challenges of electric cars versus traditional gasoline-powered cars.

Ex 03:

+ **Basic**: Write about diets.
+ **Advance**: Compare the ketogenic diet and the Mediterranean diet, including their health benefits and potential drawbacks.

Tip 22: Use Scenarios

Ex 01:

+ **Basic**: Discuss customer service.
+ **Advance**: Discuss how to handle a difficult customer service situation, providing a detailed scenario and appropriate response strategies.

Ex 02:

+ **Basic**: Explain teamwork.

+ **Advance**: Explain the importance of teamwork in a project, using a scenario where team collaboration leads to a successful outcome.

Ex 03:

+ **Basic**: Describe conflict resolution.
+ **Advance**: Describe a conflict resolution technique using a scenario where two colleagues disagree on a project direction.

Tip 23: Encourage Critical Thinking

Ex 01:

+ **Basic**: Write an essay.
+ **Advance**: Write a critical essay on the impact of social media on interpersonal relationships, providing arguments for and against.

Ex 02:

+ **Basic**: Discuss renewable energy.
+ **Advance**: Critically discuss the feasibility of 100% renewable energy in urban areas, considering economic, technical, and social factors.

Ex 03:

+ **Basic**: Explain leadership.
+ **Advance**: Critically analyze different leadership styles, providing examples of leaders who exemplify each style.

Tip 24: Request Step-by-Step Instructions

Ex 01:

+ **Basic**: Explain machine learning.
+ **Advance**: Provide step-by-step instructions on how to build a simple machine learning model using Python.

Ex 02:

+ **Basic**: Write a guide.
+ **Advance**: Write a step-by-step guide on how to set up a WordPress blog, including domain registration, hosting setup, and customization.

Ex 03:

+ **Basic**: Describe cooking.
+ **Advance**: Provide step-by-step instructions for cooking a traditional Italian lasagna, including ingredient preparation and cooking times.

Tip 25: Use Different Perspectives

Ex 01:

+ **Basic**: Discuss AI in healthcare.
+ **Advance**: Discuss the impact of AI in healthcare from the perspectives of patients, doctors, and insurance companies.

Ex 02:

+ **Basic**: Explain remote work.
+ **Advance**: "Explain the advantages and challenges of remote work from the perspective of employees and employers."

Ex 03:

+ **Basic**: Write about urbanization.
+ **Advance**: Discuss the effects of urbanization from the perspectives of city planners, residents, and environmentalists.

Tip 26: Request Data or Statistics

Ex 01:

+ **Basic**: Discuss climate change.
+ **Advance**: Discuss the impact of climate change on sea levels, including recent data and statistics from scientific studies.

Ex 02:

+ **Basic**: Explain e-commerce growth.
+ **Advance**: Explain the growth of e-commerce in the past decade, providing key statistics and trends.

Ex 03:

+ **Basic**: Describe a trend.
+ **Advance**: Describe the trend of remote learning, including recent data on student enrollment and educational outcomes.

Tip 27: Ask for Visual Descriptions

Ex 01:

+ **Basic**: Describe a landscape.
+ **Advance**: Visually describe the landscape of the Grand Canyon, including its geological features and colors.

Ex 02:

+ **Basic**: Explain a process.
+ **Advance**: Provide a visual description of the process of photosynthesis, including the role of chloroplasts and sunlight.

Ex 03:

+ **Basic**: Discuss art.
+ **Advance**: Describe the visual elements of Vincent van Gogh's painting 'Starry Night,' including color, texture, and composition.

Tip 28: Include Potential Challenges

Ex 01:

+ **Basic**: Discuss AI implementation.
+ **Advance**: Discuss the challenges of implementing AI in businesses, including data privacy concerns and integration with existing systems.

Ex 02:

+ **Basic**: Explain remote work.

+ **Advance**: Explain the challenges of remote work, such as maintaining productivity and work-life balance.

Ex 03:

+ **Basic**: Describe a project.
+ **Advance**: Describe the challenges and solutions in managing a large-scale software development project.

Tip 29: Use Hypothetical Questions:

Ex 01:

+ **Basic**: Discuss future technology.
+ **Advance**: Discuss the potential impact of AI on future job markets, considering a scenario where AI becomes widely adopted.

Ex 02:

+ **Basic**: Explain ethics.
+ **Advance**: Explain the ethical implications of genetic engineering, using a hypothetical scenario where it is used to eradicate diseases.

Ex 03:

+ **Basic**: Discuss space exploration.
+ **Advance**: Discuss the challenges and opportunities of colonizing Mars, imagining a scenario where the first human settlement is established.

Tip 30: Provide Feedback Mechanisms:

Ex 01:

+ **Basic**: Explain a theory.
+ **Advance**: Explain the theory of evolution, and then evaluate the explanation for accuracy and clarity.

Ex 02:

+ **Basic**: Discuss renewable energy.
+ **Advance**: Discuss the benefits of solar energy, and then provide feedback on how to improve the argument with additional data.

Ex 03:

+ **Basic**: Write an essay.
+ **Advance**: Write an essay on the importance of cybersecurity, and then review and revise the essay for better structure and content.

❖ Must Remember While Writing Prompts!

✓ Tell the desired length of your article!

>>EX: 500 words, 10 lines, 2 paragraphs, long article, short article etc.

✓ Tell the objective of your question!

EX: Blog post, cold email, promotional email, short video script, video script, landing page copy, Facebook ad copy, LinkedIn connection request etc.

✓ Mention the tone of the output response!
EX: Excited, professional, polite, soft etc.
More examples: Powerful Tones for Better Prompt (ChatGPT)

Link: https://bit.ly/3WF9Bje

✓ Provide the format you want to get the response!

>>Ex: Excel/ csv format, python code, java script, html code etc.

✓ Provide enough details before asking questions!

✓ Avoid grammatical error! (Though the minor error is corrected by ChatGPT)

✓ Don't ask multiple questions together. Break it down.

✓ Before submitting for response proofread / crosscheck your query.

✓ Use super powerful action words.

>>Ex: step by step, think like an expert, Act as an expert/ specialist, let's think step by step, thinking backward, in the style of famous personality, pretend you are my assistant etc.

More examples: Powerful Action Word with examples!

Link: https://bit.ly/4bXNMjz

❖ ADVANCE-CHATGPT PROMPT ENGINEERING

❑ Persona Pattern:

This example demonstrates how the "Persona Pattern" can be used to create a detailed and contextually appropriate response by embodying a specific persona's characteristics and approach.

Format:

Persona Pattern:

1. **Context Statement:** Define the context and the role of the persona.
2. **Persona Description:** Describe the characteristics, skills, and objectives of the persona.
3. **Task or Query:** Specify the task or query the persona is addressing.
4. **Persona's Response:** Provide a response that reflects the persona's characteristics and approach.

Example:

+ Act as an interviewer in Google company, take my interview for the software development position. Take the reference from the attached job description (attached job description).

+ Act as a gynecologist, take an assessment of a 30-year-old pregnant lady. You can ask a few questions to make the prompt better.

+ Act as a skeptic who is well-versed in Digital marketing. Whatever I tell you provides me with a skeptical and detailed response.

>> How to use digital marketing for growing local business?

>> What are the steps should I follow to get more customers digitally?

>>Guide me step by step, how to shift my business from traditional marketing to Digital marketing?

+ As an expert dietitian, I will tell you what I love to eat, you will make a meal plan for me to lose weight.

+ Acting as a nutritionist, I will tell you what I am eating, and you will tell me about my eating choices.

+ As an expert Chinese chef, I am going to tell you what I am eating, and you will tell me about my eating choices.

+ Act as a math teacher, please simplify the below task.

+ Act as a beautician, guide me step by step, how to glow my skin within 3 months.

❑   Questions refinement pattern:

>> These examples demonstrate how the "Question Refinement Pattern" can be used to improve the clarity and focus of questions, ensuring they are more effective and informative.

Format of the Question Refinement Pattern

Context Statement: Define the context and the role of the pattern.

Fundamental Contextual Statements:

1. From now on, whenever I ask a question, suggest a better version of the question to use instead.

5. (Optional) Prompt me if I would like to use the better version instead.

Examples:

6. From now on, whenever I ask a question, suggest a better version of the question to use instead.
7. From now on, whenever I ask a question, suggest a better version of the question and ask me if I would like to use it instead.

Tailored Examples:

8. Whenever I ask a question about dieting, you will suggest a better version of the question that emphasizes healthy eating habits and sound nutrition. Ask me for the first question to refine.

9. Whenever I ask a question about who is the greatest of all time (GOAT), suggest a better version of the question that puts multiple players' unique accomplishments into perspective. Ask me for the first question to refine.

Tailored Examples in Paragraph Format

Example 1: Healthy Eating Habits: From now on, whenever I ask a question about dieting, suggest a better version of the question that emphasizes healthy eating habits and sound nutrition. For example, if I ask, "How can I lose weight quickly?", you might suggest a better version like, "What are some healthy and sustainable ways to achieve weight loss through balanced nutrition and regular exercise?" Ask me if I would like to use this refined question instead.

Example 2: Comparing Accomplishments: Whenever I ask a question about who is the greatest of all time (GOAT) in sports, suggest a better version of the question that puts multiple players' unique accomplishments into perspective. For instance, if I ask, "Who is the GOAT in basketball?", you might suggest a better version like, "How do the accomplishments of Michael Jordan, LeBron James, and Kobe Bryant compare in terms of career impact and legacy?" Ask me if I would like to use this refined question instead.

Example 3: Job Interview Preparation: From now on, whenever I ask a question about preparing for a job interview, suggest a better version that focuses on specific strategies and tips. For example, if I ask, "How should I prepare for an interview?", you might suggest a better version like, "What specific strategies can I use to effectively

prepare for a job interview in the tech industry?" Ask me if I would like to use this refined question instead.

Example 4: Financial Planning: Whenever I ask a question about financial planning, suggest a better version that emphasizes long-term goals and stability. For instance, if I ask, "How can I save more money?", you might suggest a better version like, "What are some effective long-term strategies for saving money and building financial stability?" Ask me if I would like to use this refined question instead.

Example 5: Learning New Skills: From now on, whenever I ask a question about learning new skills, suggest a better version that highlights practical steps and resources. For example, if I ask, "What is the best way to learn programming?", you might suggest a better version like, "What are the most effective resources and strategies for a beginner to learn programming languages like Python and JavaScript?" Ask me if I would like to use this refined question instead.

❑   Cognitive verifier pattern:

>>> These examples illustrate how the "Cognitive Verifier Pattern" can be applied to various scenarios to enhance the accuracy and relevance of the final answer by breaking down the primary question into smaller, more detailed questions.

Format of the Cognitive Verifier Pattern

Context Statement: Define the context and the role of the pattern.

Fundamental Contextual Statements:

1. When you are asked a question, follow these rules:
   o Generate additional questions that would help you more accurately answer them.
   o Combine the answers to the individual questions to produce the final answer to the overall question.

Examples:

1. When you are asked a question, follow these rules. Generate several additional questions that would help you more accurately answer them. Combine the answers to the individual questions to produce the final answer to the overall question.

Tailored Examples:

1. When you are asked to create a recipe, follow these rules. Generate additional questions about the ingredients I have on hand and the cooking equipment I own. Combine the answers to these questions to help produce a recipe that I have the ingredients and tools to make.

2. When you are asked to plan a trip, follow these rules. Generate additional questions about my budget, preferred activities, and whether I will have a car. Combine the answers to these questions to better plan my itinerary.

Tailored Examples in Paragraph Format

Example 1: Personal Fitness Plan: When you are asked to create a personal fitness plan, follow these rules. Generate additional questions about my fitness goals, current physical condition, available exercise time, and preferred physical activities. Combine the answers to these questions to develop a tailored fitness plan that meets my specific needs and goals.

Example 2: Home Renovation Project: When you are asked to plan a home renovation project, follow these rules. Generate additional questions about my budget, the specific areas of the home I want to renovate, my design preferences, and the timeline for completion. Combine the answers to these questions to create a comprehensive renovation plan that fits within my budget and meets my aesthetic and functional requirements.

Example 3: Career Development Plan: When you are asked to create a career development plan, follow these rules. Generate additional questions about my current job role, long-term career goals, skills I need to develop, and available training resources. Combine the answers to these questions to design a detailed career development plan that aligns with my professional aspirations and helps me acquire the necessary skills.

Example 4: Event Planning: When you are asked to plan an event, follow these rules. Generate additional questions about the event type, expected number of attendees, budget, venue preferences, and desired activities. Combine the answers to these questions to

create a detailed event plan that ensures a successful and enjoyable event within the specified constraints.

Example 5: Investment Strategy: When you are asked to develop an investment strategy, follow these rules. Generate additional questions about my financial goals, risk tolerance, investment timeframe, and current financial situation. Combine the answers to these questions to formulate a personalized investment strategy that aims to achieve my financial objectives while managing risk effectively.

❑ Audience persona pattern:

\>> These examples illustrate how the "Audience Persona Pattern" can be used to tailor explanations to different personas, ensuring the information is accessible and relevant to the intended audience.

\>> Format of the Audience Persona Pattern

Context Statement: Define the context and the role of the pattern.

\>>>>Explain XXXX>>>>>>Assume YYYYYYYYY

Example: Explain Artificial Intelligence to me, assuming that I am a ten-year-old student.

Example: Explain Digital Marketing to me, assuming I am a senior professor of IIM Bangalore.

Example: Explain me Python, assuming I am not from technical background.

Example: Explain Mahabharat to me, assuming I have never heard about Mahabharat.

Tailored Examples in Paragraph Format

Example 1: Blockchain Technology: Explain blockchain technology to me. Assume that I am a farmer who has never used a computer.

Example 2: Climate Change: Explain the concept of climate change to me. I assume that I am a high school student with a basic understanding of science.

Example 3: Quantum Computing: Explain quantum computing to me. Assume that I am an artist with no technical background but a strong interest in abstract concepts.

Example 4: Digital Marketing Strategies: Explain digital marketing strategies to me. Assume that I am a small business owner with minimal knowledge of online marketing.

Example 5: Personal Finance Management: Explain personal finance management to me. Assume that I am a college student with little experience in handling money.

❏ Flipped interaction pattern:

>>> These examples demonstrate how the "Flipped Interaction Pattern" can be used to guide an interactive and tailored approach to gathering the necessary information to achieve specific goals.

>>> Format of the Flipped Interaction Pattern

Context Statement: Define the context and the role of the pattern.

Fundamental Contextual Statements:

1. I would like you to ask me questions to achieve X.

2. You should ask questions until condition Y is met or to achieve this goal (alternatively, forever).

3. (Optional) Ask me the questions one at a time, two at a time, ask me the first question, etc.

Tailored Examples:

Example 1: Meal Planning: I would like you to ask me questions to help me create a meal plan. You should ask questions until you know what I like to eat, my dietary restrictions, and my caloric targets. Ask me one question at a time. Ask me the first question.

Example 2: Website Development: I would like you to ask me questions to help me design my website. You should ask questions until you have a clear understanding of my preferred design style, the purpose of the website, and the key features I want to include. Ask me the first question.

Example 3: Fitness Routine: I would like you to ask me questions to help me create a personalized fitness routine. You should ask questions until you know my fitness goals, current fitness level, available equipment, and preferred types of exercise. Ask me one question at a time. Ask me the first question.

Example 4: Learning Path: I would like you to ask me questions to help me create a learning path for mastering Python programming. You should ask questions until you have enough information about my current knowledge level, learning goals, and preferred learning methods. Ask me the first question.

Example 5: Travel Itinerary: I would like you to ask me questions to help me plan my travel itinerary. You should ask questions until you have sufficient information about my destinations, budget, preferred activities, and travel dates. Ask me one question at a time. Ask me the first question.

+ **Example:** I would like you to ask me questions to help me create marketing strategies to sell my product, protein powder. You should ask questions until you have sufficient information about my current draft messages, audience, and goals etc. You can ask me one at a time, two at a time. Ask me the first question.

+ **Example:** I would like you to ask me questions to help me create a proper diet plan for a 50-year-old working professional. You should ask questions until you have sufficient information about present food habits, working hours, food allergies, ingredients availability in the local grocery shop etc. You can ask me one at a time, two at a time. Ask me the first question.

❑   Game play pattern:

Context Statement: Define the context and the role of the pattern.

Fundamental Contextual Statements:

1. Create a game for me around X OR we are going to play an X game.
2. One or more fundamental rules of the game.

Examples in Paragraph Format:

Example 1: Math Quiz Game: We are going to play a math quiz game. Each round, I will ask you a math-related question, and you will try to answer it correctly. For each correct answer, you will earn 10 points. The game will continue until you reach a total score of 100 points. Let's start with the first question: What is 7 times 8?

Example 2: Historical Adventure Game: Create a historical adventure game for me set in ancient Egypt. Describe the environment and give me options for actions I can take. Each action should uncover more information about Egyptian culture and history. For each piece of information I uncover, I will earn points. Start by describing the setting of the adventure and give me my first set of actions to choose from.

Example 3: Word Building Game: We are going to play a word-building game. I will give you a random set of letters, and you must create as many words as possible. Each valid word earns you 5 points.

The game ends when you can't create any more words from the given letters. Here are your letters: A, T, R, E, S.

Example 4: Environmental Awareness Game: Create an environmental awareness game for me. Each round, you will describe a real-world environmental issue, and I will have to choose the best action to address it from a list of options you provide. Each correct action earns me points. The game continues until I reach 50 points. Start by describing the first environmental issue.

Example 5: Fantasy Role-Playing Game: We are going to play a fantasy role-playing game. You will describe a fantasy world, and I will create a character to explore it. Each turn, you will present me with challenges and choices, and I will decide what my character does. The goal is to complete a quest by making the right choices and surviving the journey. Begin by describing the world and the initial quest.

Example 6: We are going to play a game about Digital Marketing. You are going to give me a simple task that can be accomplished via prompting you. Your task should all have a reasoning or programing component to them, although they should not require creating source code.

I will try to write a prompt for you to solve the task. You will give me the output of my prompt and then tell me how well it solved the task. Ask me questions until I tell you to stop. You will ask me a question, wait for my response, and then ask me another question after telling me how I did.

Ask me the first question.

❑   Template pattern:

Ex1: I am going to give you a templet for your output. Capitalized words are my placeholders. Fill in my placeholders with your output. Please preserve the overall formatting of my templet. My templet is:

QuestionQUESTION:

AnywareANSWARE:

I will give you the data to format in the next prompt. Create 5/10/20 questions using my templet.

Ex2: I am going to give you a templet for your output. Capitalized words are my placeholders. Fill in my placeholders with your output. Please preserve the overall formatting of my templet. My templet is:

##Name## <Author Name>

##Summary## <One Sentence Summary>

##Full Description## < One Paragraph Summary>

Take the detailed information from the article below.

EX: I am going to give you a templet for your output. Capitalized words are my placeholders. Fill in my placeholders with your output. Please preserve the overall formatting of my templet. My templet is:

InterviewerINTERVIEWER:

YouYOUR ANSWARE:

I will give you the data to format in the next prompt. Create 5/10/20 questions using my templet.

❑ Meta language creation pattern:

EX: We are going to create a trip-planning application. I will describe my trip and you will list interesting things to do in the place that will pass through. I will tell you how many days I will stay in each place, and you will tell me possible itineraries.

To describe my route, I will use shorthand notation. When I say ''Kolkata,2->Delhi,2->Darjeeling,3'', I mean I will go from Kolkata to Darjeeling and I will stay 3 days in Kolkata, 2 days in Delhi and 3 days in Darjeeling.

EX: We are going to create a fitness plan. I will describe my fitness goals and you will list exercises and routines suitable for each goal. I will tell you how many days I will dedicate to each goal, and you will suggest possible workout schedules.

To describe my goals, I will use shorthand notation. When I say ''Strength,3->Cardio,2->Flexibility,2'', I mean I will focus on strength training for 3 days, cardio exercises for 2 days, and flexibility routines for 2 days.

EX: We are going to create a reading challenge. I will describe the genres of books I want to read, and you will list interesting books from each genre. I will tell you how many weeks I will dedicate to each genre, and you will suggest possible reading schedules.

To describe my plan, I will use shorthand notation. When I say ''Fiction,3->Non-Fiction,2->Sci-Fi,2'', I mean I will read fiction books for 3 weeks, non-fiction books for 2 weeks, and science fiction books for 2 weeks.

EX: We are going to create a cooking plan. I will describe the types of cuisines I want to cook, and you will list interesting recipes for each cuisine. I will tell you how many days I will dedicate to each cuisine, and you will suggest possible cooking schedules.

To describe my plan, I will use shorthand notation. When I say ''Italian,2->Mexican,2->Indian,3'', I mean I will cook Italian dishes for 2 days, Mexican dishes for 2 days, and Indian dishes for 3 days.

❑   Recipe pattern:

EX: We are planning a trip. I will tell you my start and destination. You will provide a complete list of steps for me, including places to stop between my start and destination.

EX: I would like to achieve starting a successful blog. I know that I need to perform steps choosing a niche, creating content, and

promoting my blog. Provide a complete sequence of steps for me. Fill in any missing steps. (Optional) Identify any unnecessary steps.

EX: I want to write and publish a book. I know I need to perform steps like outlining the story, writing the manuscript, and editing the draft. Provide a complete sequence of steps for me. Fill in any missing steps. (Optional) Identify any unnecessary steps.

EX: I aim to launch an e-commerce website. I know that I need to perform steps like selecting a platform, designing the website, and listing products. Provide a complete sequence of steps for me. Fill in any missing steps. (Optional) Identify any unnecessary steps.

EX: I plan to get in shape and improve my fitness. I know that I need to perform steps such as creating a workout routine, following a balanced diet, and tracking my progress. Provide a complete sequence of steps for me. Fill in any missing steps. (Optional) Identify any unnecessary steps.

EX: I want to create an effective social media marketing strategy. I know that I need to perform steps such as identifying my target audience, creating engaging content, and scheduling posts. Provide a complete sequence of steps for me. Fill in any missing steps. (Optional) Identify any unnecessary steps.

EX: "I aim to learn a new language fluently. I know that I need to perform steps such as studying vocabulary, practicing speaking,

and immersing myself in the language. Provide a complete sequence of steps for me. Fill in any missing steps. (Optional) Identify any unnecessary steps."

EX: I plan to organize a successful fundraising event. I know that I need to perform steps like setting a fundraising goal, promoting the event, and engaging with participants. Provide a complete sequence of steps for me. Fill in any missing steps. (Optional) Identify any unnecessary steps."

❑ Alternative approaches pattern:

>>> The Alternative Approaches Pattern is designed to enhance decision-making and problem-solving by identifying and evaluating multiple ways to achieve a given task. This pattern encourages creative thinking and critical analysis, allowing users to explore various strategies and choose the most effective one based on their specific needs and constraints. By providing alternative methods, this pattern helps in optimizing outcomes, improving efficiency, and addressing potential challenges from different angles.

These examples illustrate how the Alternative Approaches Pattern can be used to explore different methods for achieving various tasks, helping users to make informed decisions by evaluating multiple options.

Format of the Alternative Approaches Pattern

Context Statement: Define the context and the role of the pattern.

Fundamental Contextual Statements:

1. If there are alternative ways to accomplish a task X that I give you, list the best alternate approaches.
2. (Optional) Compare/contrast the pros and cons of each approach.
3. (Optional) Include the original way that I asked.
4. (Optional) Prompt me for which approach I would like to use.

Tailored Examples:

Example 1: Marketing Strategy Development:

If there are alternative ways to develop a marketing strategy for my new product launch, list the best alternate approaches. Compare/contrast the pros and cons of each approach. Include the original strategy I mentioned and prompt me for which approach I would like to use.

Example 2: Time Management Techniques:

For every method I suggest for improving my time management, if there are alternative techniques that could also be effective, list the best alternate methods. Compare/contrast the pros and cons of

each technique. Include the original method I mentioned and prompt me for which technique I would like to try.

Example 3: Website Design:

If there are alternative ways to design the homepage of my website, list the best alternate designs. Compare/contrast the pros and cons of each design. Include the original design I described and prompt me for which design I would like to proceed with.

Example 4: Conflict Resolution in Teams:

For every approach I propose for resolving a conflict within my team, if there are alternative ways to handle the situation, list the best alternate approaches. Compare/contrast the pros and cons of each approach. Include the original approach I suggested and prompt me for which approach I would like to implement.

Example 5: Investment Strategies:

If there are alternative ways to invest my savings for retirement, list the best alternate investment strategies. Compare/contrast the pros and cons of each strategy. Include the original strategy I mentioned and prompt me for which strategy I would like to follow.

Example 6: For every prompt I give you, If there are alternative ways to word a prompt that I give you, list the best alternate wordings. Compare/contrast the pros and cons of each wording.

Example 7: For anything that I ask you to write, determine the underlying problem that I am trying to solve and how I am trying to solve it. List at least one alternative approach to solve the problem and compare it with the original approach implied by my request to you.

❑   Ask for input pattern:

>> This prompt follows the Ask for Input Pattern by clearly stating what input is needed ("meal descriptions") and what output is expected (detailed recipes, tips, and variations). It also includes an explicit request for the first input ("Ask me for the first meal").

EX1: From now on, I am going to describe different types of meals I want to prepare. You will provide a detailed recipe for each meal, including ingredients, cooking steps, and tips for the best results. At the end, list any alternative ingredients or variations that could be used. Ask me for the first meal.

EX2: From now on, I will provide descriptions of various business challenges. You will offer a strategic plan to address each challenge, including actionable steps, potential obstacles, and measures of success. Finally, suggest any additional resources or tools that could be helpful. Ask me for the first business challenge.

EX3: From now on, I will describe different marketing campaigns I'm considering. You will create a detailed marketing plan for each campaign, including target audience, messaging, channels, and KPIs. Finally, highlight any risks or considerations to keep in mind. Ask me for the first marketing campaign idea."

EX4: From now on, I will share outlines of different software projects I want to develop. You will provide a comprehensive project plan for each one, including development phases, timelines, resources needed, and potential challenges. Finally, recommend any best practices or methodologies to follow. Ask me for the first software project outline."

EX5: From now on, I will give you different book titles and genres I'm interested in. You will create a detailed book summary and outline for each one, including main plot points, character development, and themes. Finally, suggest any comparable books or authors. Ask me for the first book title and genre."

❑   Combining patterns:

>> These combined patterns leverage the strengths of multiple approaches to provide comprehensive and detailed responses.

1. Combining "Ask for Input" and "Step-by-Step Guidance" Patterns:

"From now on, I will describe various DIY projects I'm interested in. You will provide a step-by-step guide for each project, including necessary materials, tools, and detailed instructions. At the end, list any safety tips or common mistakes to avoid. Ask me for the first DIY project."

2. Combining "Role-Playing" and "Scenario Analysis" Patterns:

"You will act as a business consultant. I will present different business scenarios, and you will analyze the situation and provide a strategic plan to address the challenges and opportunities. Include potential risks and mitigation strategies. Ask me for the first business scenario."

3. Combining "Translate" and "Creative Writing" Patterns:

"From now on, I will write sentences in English, and you will translate them into Shakespearean English. Additionally, provide a brief analysis of how the translation preserves the original meaning and tone. Ask me for the first sentence to translate."

4. Combining "Problem-Solving" and "Feedback" Patterns:

"I will describe various coding problems I encounter. You will provide a solution with an explanation, and then give feedback on how to improve my coding practices or avoid similar issues in the future. Ask me for the first coding problem."

5. Combining "Summarize" and "Action Plan" Patterns:

"I will provide summaries of different research articles. You will review each summary and create an action plan on how to apply the findings in a practical setting, including steps to implement, potential benefits, and challenges. Ask me for the first research article summary."

❏ Outline expansion pattern:

>> These examples follow the outline expansion pattern, providing a clear structure for generating and expanding outlines based on user input.

1. Example: Creating a Business Plan

Act as an outline expander. Generate a bullet point outline based on the input that I give you and then ask me for which bullet point you should expand on. Each bullet can have at most 3-5 sub-bullets. The bullets should be numbered using the pattern [A-Z].[i-v].[* through ****]. Create a new outline for the bullet point that I select. At the end, ask me for what bullet point to expand next. Ask me for what to outline.

Input: Business Plan

2. Example: Planning a Wedding

Act as an outline expander. Generate a bullet point outline based on the input that I give you and then ask me for which bullet point you should expand on. Each bullet can have at most 3-5 sub-bullets. The bullets should be numbered using the pattern [A-Z].[i-v].[* through ****]. Create a new outline for the bullet point that I select. At the end, ask me for what bullet point to expand next. Ask me what to outline.

Input: Wedding Planning

3. Example: Writing a Research Paper

"Act as an outline expander. Generate a bullet point outline based on the input that I give you and then ask me for which bullet point you should expand on. Each bullet can have at most 3-5 sub-bullets. The bullets should be numbered using the pattern [A-Z].[i-v].[* through ****]. Create a new outline for the bullet point that I select. At the end, ask me for what bullet point to expand next. Ask me for what to outline."

Input: Research Paper

4. Example: Organizing a Fundraising Event

"Act as an outline expander. Generate a bullet point outline based on the input that I give you and then ask me for which bullet point you should expand on. Each bullet can have at most 3-5 sub-bullets. The bullets should be numbered using the pattern [A-Z].[i-v].[* through ****]. Create a new outline for the bullet point that I select. At the end, ask me for what bullet point to expand next. Ask me for what to outline."

Input: Fundraising Event

5. Example: Developing a Marketing Campaign

"Act as an outline expander. Generate a bullet point outline based on the input that I give you and then ask me for which bullet point you should expand on. Each bullet can have at most 3-5 sub-bullets. The

bullets should be numbered using the pattern [A-Z].[i-v].[* through ****]. Create a new outline for the bullet point that I select. At the end, ask me for what bullet point to expand next. Ask me for what to outline."

Input: Marketing Campaign

❏   Menu actions pattern:

>> These examples illustrate the Menu Actions Pattern by defining specific actions that ChatGPT will perform based on the user's input, followed by a prompt to ask for the next action.

1. Example: Task Management

"Whenever I type: 'add TASK', you will add TASK to my to-do list and update my estimated completion time. Whenever I type 'remove TASK', you will remove TASK from my to-do list and update my estimated completion time. Whenever I type 'prioritize TASK', you will move TASK to the top of my to-do list. Finally, you will ask me for the next action. Ask me for the first action."

2. Example: Fitness Tracker

"Whenever I type: 'log EXERCISE', you will add EXERCISE to my workout log and update my calorie count. Whenever I type 'remove EXERCISE', you will remove EXERCISE from my workout log and update my calorie count. Whenever I type 'suggest WORKOUT', you

will provide a workout suggestion based on my fitness goals. Finally, you will ask me for the next action. Ask me for the first action."

3. Example: Budget Planning

"Whenever I type: 'add EXPENSE', you will add EXPENSE to my budget tracker and update my total spending. Whenever I type 'remove EXPENSE', you will remove EXPENSE from my budget tracker and update my total spending. Whenever I type 'analyze spending', you will provide a summary of my spending patterns and suggest ways to save money. Finally, you will ask me for the next action. Ask me for the first action."

4. Example: Recipe Management

"Whenever I type: 'add RECIPE', you will add RECIPE to my recipe collection and update my shopping list with required ingredients. Whenever I type 'remove RECIPE', you will remove RECIPE from my recipe collection and update my shopping list accordingly. Whenever I type 'suggest RECIPE', you will suggest a recipe based on the ingredients I have at home. Finally, you will ask me for the next action. Ask me for the first action."

5. Example: Learning Management

"Whenever I type: 'start COURSE', you will add COURSE to my current learning plan and update my progress tracker. Whenever I type 'complete MODULE', you will mark MODULE as completed and update my progress tracker. Whenever I type 'review MATERIAL', you will provide a summary of the MATERIAL covered so far. Finally, you will ask me for the next action. Ask me for the first action."

❑ Fact checklist pattern:

>> These examples illustrate the Fact Check List Pattern by instructing ChatGPT to generate a list of fundamental facts contained in the output and insert them at the end of the output to ensure the information's accuracy.

1. Example: Historical Article

When you write a historical article, generate a set of facts contained in it. A set of facts should be inserted at the end of the article. The set of facts should be the fundamental facts that could undermine the veracity of the article if any of them are incorrect."

2. Example: Scientific Report

Whenever you generate a scientific report, produce a set of facts contained in it. The set of facts should be inserted at the end of the report. The set of facts should be the fundamental facts that could undermine the veracity of the report if any of them are incorrect."

3. Example: News Summary

When you provide a news summary, compile a set of facts contained in it. The set of facts should be inserted at the end of the summary. The set of facts should be the fundamental facts that could undermine the veracity of the summary if any of them are incorrect."

4. Example: Health Article

When you write a health-related article, list a set of facts contained in it. A set of facts should be inserted at the end of the article. The set of facts should be the fundamental facts that could undermine the veracity of the article if any of them are incorrect."

5. Example: Technical Documentation

When you create technical documentation, enumerate a set of facts contained in it. The set of facts should be inserted at the end of the documentation. The set of facts should be the fundamental facts that could undermine the veracity of the documentation if any of them are incorrect.

❑   Tail generation pattern:

>> These examples illustrate the Tail Generation Pattern by ensuring that the model repeats a summary of the input and prompts for the next action or input at the end of the output.

1. Example: Recipe Generator

"Generate a detailed recipe based on the ingredients I provide. Include preparation steps, cooking time, and serving suggestions. At the end, repeat the list of ingredients and ask me for the next set of ingredients."

2. Example: Travel Itinerary Planner

"Create a travel itinerary based on the destinations and duration I provide. Include key attractions, recommended activities, and accommodation options. At the end, repeat the list of destinations and ask me for the next destination."

3. Example: Study Plan Creator

"Develop a study plan based on the subjects and time availability I give you. Include daily study schedules, key topics to cover, and revision strategies. At the end, repeat the list of subjects and ask me for the next subject to include in the plan."

4. Example: Event Organizer

"Organize an event based on the type and details I provide. Include venue options, catering suggestions, and a timeline of activities. At the end, repeat the event details and ask me for the next event to plan."

5. Example: Financial Budget Planner

"Create a financial budget based on the income and expenses I provide. Include savings goals, expense categories, and monthly allocations. At the end, repeat the list of expenses and ask me for the next financial detail to include."

❏ React Prompting Pattern:

>>These examples illustrate "React prompting" by defining how ChatGPT should respond to different inputs, providing valuable feedback, and prompting for further interaction or clarification.

1. Example: Customer Service Interaction

"When I provide a customer complaint, react by empathizing with the customer, acknowledging their issue, and offering a solution or next steps. After your response, ask me if there are any other concerns the customer has."

Input: The customer is upset because their package arrived late.

2. Example: Educational Tutor

"When I ask a question about a specific topic, react by explaining the concept in simple terms, providing an example, and offering a related question to test my understanding. After your response, ask me if I need further clarification."

Input: Can you explain the Pythagorean theorem?

3. Example: Brainstorming Session

"When I propose an idea, react by providing constructive feedback, suggesting improvements, and offering an alternative perspective. After your response, ask me if I have another idea or if I would like to expand on the current one."

Input: I want to create an app that helps people track their water intake.

4. Example: Job Interview Preparation

"When I give you a response to a typical interview question, react by evaluating my answer, suggesting ways to improve it, and providing an example of a strong response. After your feedback, ask me if I want to practice another question."

Input: Tell me about a time you faced a challenge at work and how you overcame it.

5. **Example: Creative Writing Feedback**

"When I share a piece of creative writing, I react by highlighting the strengths, pointing out areas for improvement, and suggesting techniques to enhance the writing. After your feedback, ask me if I want to share another piece or revise the current one."

Input: *Here is the first paragraph of my short story...*

❑ Few Short Examples:

>> These examples demonstrate how to use "Few-shot Examples" to guide the model in generating the desired outputs based on the provided inputs.

Format:

Few-shot Examples:

1. *Example Input 1:* Description of the first example input.

   Example Output 1: Description of the first example output.

2. *Example Input 2:* Description of the second example input.

   Example Output 2: Description of the second example output.

3. *Example Input 3:* Description of the third example input (Your Question).

   Example Output 3: Description of the third example output (Your Answer) .

Example 1: Summarizing Articles

Few-shot Examples:

1. *Example Input 1:* Summarize the following article: "AI is transforming the tech industry by enabling new levels of automation and efficiency..."

   Example Output 1: AI is revolutionizing the tech sector through increased automation and efficiency.

2. ***Example Input 2:*** Summarize the following article: "Climate change is leading to more frequent and severe weather events worldwide..."

   Example Output 2: Climate change is causing more frequent and severe global weather events.

3. ***Example Input 3:*** Summarize the following article: "Advancements in healthcare technology are improving patient outcomes and reducing costs..."

   Example Output 3: Healthcare technology advancements are enhancing patient outcomes and lowering costs.

4. ***Example Input 4:*** {Your questions}

   Example Output 4: {ChatGPT will provide the answer, continue this as long as you want}

Example 2: Translating Phrases

Few-shot Examples:

1. ***Example Input 1:*** Translate the following to French: "Good morning, how are you?"

   Example Output 1: Bonjour, comment ça va ?

2. ***Example Input 2:*** Translate the following to Spanish: "Thank you for your help."

   Example Output 2: Gracias por tu ayuda.

3. ***Example Input 3:*** Translate the following to German: "I would like to order a coffee."

   Example Output 3: Ich möchte einen Kaffee bestellen.

4. ***Example Input 4:*** {Your questions}

   Example Output 4: {ChatGPT will provide the answer, continue this as long as you want}

Example 3: Writing Code Snippets

Few-shot Examples:

1. ***Example Input 1:*** Write a Python function to calculate the factorial of a number.

   Example Output 1: ```python def factorial(n): if n == 0: return 1 else: return n * factorial(n-1)

2. ***Example Input 2:*** Write a JavaScript function to reverse a string.

Example Output 2: ```javascript function reverseString(str) { return str.split('').reverse().join(''); }

3. **Example Input 3:** Write a Java function to check if a number is prime.

   Example Output 3: ```java public boolean isPrime(int num) { if (num <= 1) return false; for (int i = 2; i < num; i++) { if (num % i == 0) return false; } return true; }

4. **Example Input 4:** {Your questions}

   Example Output 4: {ChatGPT will provide the answer, continue this as long as you want}

Example 4: Creating Marketing Messages

Few-shot Examples:

1. **Example Input 1:** Create a marketing message for a new smartphone. *Example*

   Output 1: Experience the future of mobile technology with our new smartphone, featuring a stunning display, advanced camera, and long-lasting battery.

2. ***Example Input 2:*** Create a marketing message for a fitness app.

   Example Output 2: Get fit and stay motivated with our fitness app, offering personalized workouts, progress tracking, and community support.

3. ***Example Input 3:*** Create a marketing message for a travel agency.

   Example Output 3: Discover your next adventure with our travel agency, providing customized itineraries, exclusive deals, and 24/7 support.

4. ***Example Input 4:*** {Your questions}

   Example Output 4: {ChatGPT will provide the answer, continue this as long as you want}

Example 5: Answering Trivia Questions

Few-shot Examples:

1. ***Example Input 1:*** What is the capital of France?

   Example Output 1: The capital of France is Paris.

2. ***Example Input 2:*** Who wrote "To Kill a Mockingbird"?

   Example Output 2: "To Kill a Mockingbird" was written by Harper Lee.

3. ***Example Input 3:*** What is the chemical symbol for water?

   Example Output 3: The chemical symbol for water is H_2O.

4. ***Example Input 4:*** {Your questions}

   Example Output 4: {ChatGPT will provide the answer, continue this as long as you want}

❑   Chain of Thoughts pattern:

>> These examples show how the "Chain of Thoughts" pattern can be used to break down complex problems into logical steps, leading to a well-reasoned final response.

Format:

Chain of Thoughts Pattern:

1. **Prompt Statement:** Clearly describe the problem or question you need to address.

2. **Chain of Thoughts:** Outline the logical steps or reasoning that will lead to the solution or answer.

3. **Final Response:** Provide the conclusion or answer based on the chain of thoughts.

Example 1: Solving a Math Problem

Prompt Statement: Solve the following math problem: What is the sum of the squares of 3 and 4?

Chain of Thoughts:

1. First, find the square of 3, which is $(3)^2 = 9$.
2. Next, find the square of 4, which is $(4)^2 = 16$.
3. Finally, add the two results: $9 + 16 = 25$.

Final Response: The sum of the squares of 3 and 4 is 25.

Example 2: Understanding a Historical Event

Prompt Statement: Explain the significance of the signing of the Magna Carta in 1215.

Chain of Thoughts:

1. The Magna Carta was signed in 1215 between King John of England and his barons.
2. It was significant because it limited the powers of the king and established certain legal rights for the nobility.
3. The Magna Carta is considered a cornerstone in the development of modern democracy and constitutional law.

Final Response: The signing of the Magna Carta in 1215 was significant because it limited the powers of the king and laid the groundwork for modern democratic principles and constitutional law.

Example 3: Analyzing a Business Strategy

Prompt Statement: Analyze the benefits of adopting a subscription-based model for a software company.

Chain of Thoughts:

1. Subscription-based models provide recurring revenue, which can lead to more stable and predictable income.
2. They encourage customer loyalty and can reduce churn as customers are committed to longer-term use.
3. This model allows for continuous updates and improvements to the software, which can enhance user satisfaction and retention.

Final Response: Adopting a subscription-based model for a software company provides benefits such as stable recurring

revenue, increased customer loyalty, and the ability to offer continuous updates and improvements.

Example 4: Developing a Marketing Strategy

Prompt Statement: Develop a marketing strategy for launching a new eco-friendly product.

Chain of Thoughts:

1. Identify the target audience who values sustainability and eco-friendly products.
2. Create messaging that highlights the product's environmental benefits and unique features.
3. Use digital marketing channels, such as social media and influencer partnerships, to reach a broader audience.
4. Offer promotions or incentives to early adopters to generate initial interest and feedback.

Final Response: For launching a new eco-friendly product, the marketing strategy should focus on targeting an audience that values sustainability, crafting messages about the product's environmental benefits, leveraging digital marketing channels, and providing promotions to attract early adopters.

Example 5: Designing a User Experience

Prompt Statement: Design a user experience for a new mobile banking app.

Chain of Thoughts:

1. Start by understanding the user's needs and pain points through research and user feedback.
2. Design a user-friendly interface that simplifies navigation and enhances accessibility.
3. Implement security features to ensure users' financial data is protected.
4. Include functionalities like quick transfers, bill payments, and account management to improve usability.

Final Response: Designing a user experience for a new mobile banking app involves understanding user needs, creating a user-friendly and accessible interface, ensuring strong security features, and including essential functionalities such as transfers, bill payments, and account management.

❑ Semantic filter pattern:

>> These examples illustrate the Semantic Filter Pattern by specifying the type of information that should be removed from the given content, ensuring the output meets the desired criteria.

1. Example: Financial Report

"Filter this financial report to remove any figures below $1,000. Ensure that only significant transactions are included."

*Paste your report and then run

2. Example: Customer Feedback

"Filter this customer feedback to remove any irrelevant comments or feedback that do not pertain to product quality or service."

*Paste your customer feedback and then run

3. Example: Research Article

"Filter this research article to remove any references to outdated studies or research that has been discredited."

*Paste your article and then run

4. Example: Meeting Transcript

"Filter this meeting transcript to remove any off-topic discussions or personal conversations that are not relevant to the meeting's agenda."

*Paste your meeting transcript and then run

5. Example: Social Media Comments

"Filter these social media comments to remove any negative or abusive language, ensuring only constructive feedback is retained."

*Paste your social media comment and then run.

Conclusion: ChatGPT Prompt Engineering Mastery

"ChatGPT Prompt Engineering Mastery" is your ultimate guide to harnessing the full potential of ChatGPT. This course covers everything from understanding the foundational concepts of ChatGPT to mastering advanced prompt engineering techniques. By learning these skills, you can unlock powerful applications in customer service, content creation, and virtual assistance, among many others.

Importance of Using ChatGPT:

+ **Efficiency**: Streamline tasks and automate responses with precision.
+ **Versatility**: Apply ChatGPT across various domains like marketing, customer support, and personal productivity.
+ **Innovation**: Stay ahead by leveraging cutting-edge AI technology.

Best Practices:

+ **Clarity**: Craft clear and specific prompts to get the most accurate responses.
+ **Context**: Provide sufficient context to guide ChatGPT effectively.
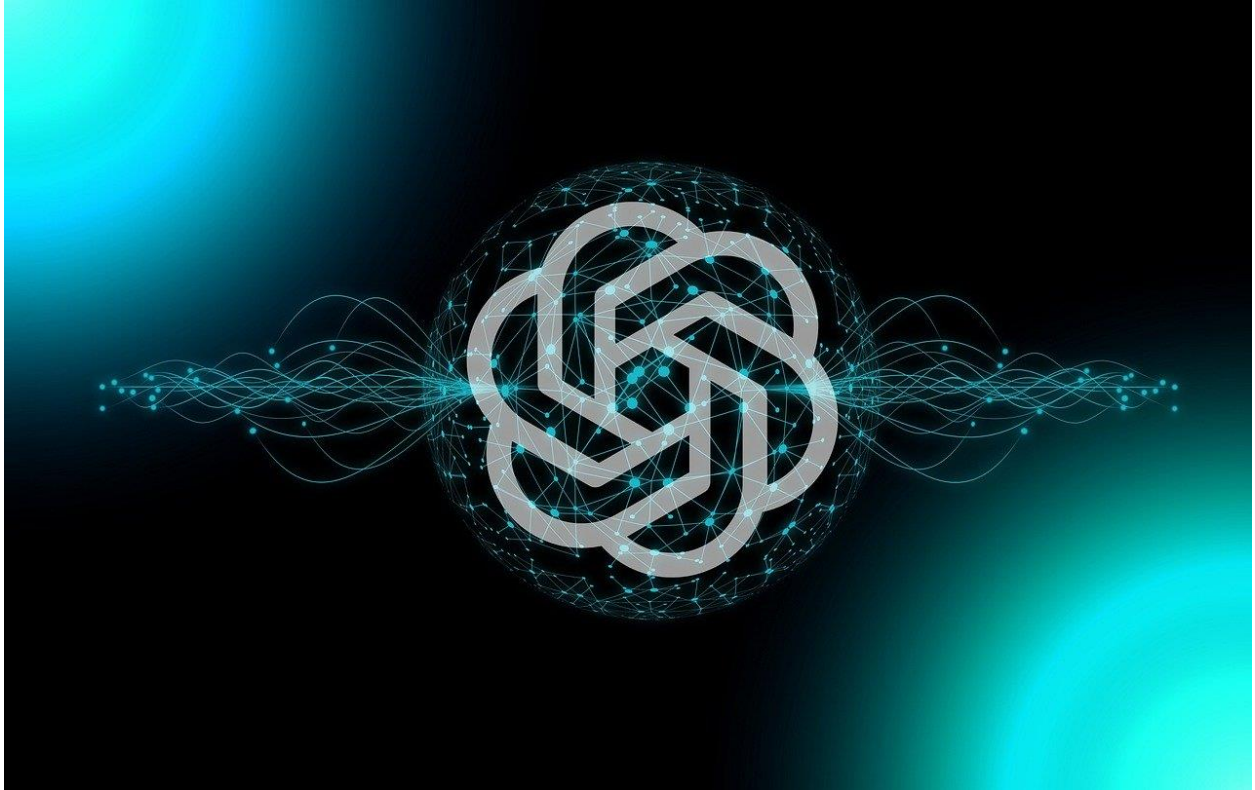+ **Iteration**: Continuously refine your prompts for improved outcomes.

Becoming an Expert:

+ **Practice Regularly**: Consistent practice is key to mastering prompt engineering.
+ **Stay Updated**: Keep up with the latest advancements and updates in AI technology.
+ **Learn from Examples**: Analyze and learn from a variety of prompt examples to understand what works best.

By following this course, you'll become proficient in creating precise and effective prompts, transforming how you use AI in your professional and personal endeavors. Unlock the power of ChatGPT and elevate your skills to expert level with "ChatGPT Prompt Engineering Mastery.

Thank You

Video Course Is Coming Soon.......

✓ 60+ Module

✓ 180+ Examples

✓ AI Tools Mastery (FREE Bonus)

✓ Job Hunting Mastery (FREE Bonus)

✓ Side Hustle Mastery (FREE Bonus)

✓ AI Art Generation Mastery (FREE Bonus)