**Assignment**

1. **Basic Prompt Templates**
2. **General Enquiry**

**Explain AI in simple terms:**

Explain Artificial intelligence in a simple manner to a group of college students who are from non-technical background with 2-3 real life examples that they can relate to.

1. **Summarisation**

**Summarise the following text in 5 bullet points:**

**Supply Chain Management (SCM)** is the process of planning, coordinating, and controlling the flow of goods, services, information, and money from the point of origin (raw materials) to the final consumer. It covers every step of the journey — sourcing raw materials, manufacturing, storing, transporting, distributing, and even handling returns. The main goal of SCM is to deliver the right product, at the right time, in the right place, and at the right cost, while ensuring customer satisfaction. It brings together suppliers, manufacturers, warehouses, transporters, retailers, and customers into one integrated network. For example, in the case of a smartphone: supply chain management includes sourcing components like chips and screens, assembling them in factories, shipping them to warehouses, distributing them to retail outlets or e-commerce platforms, and finally delivering the phone to the customer — with continuous monitoring of cost, quality, and speed. In essence, SCM is about efficiency, collaboration, and resilience, making businesses competitive and ensuring customers get what they need smoothly.

1. **Paraphrasing**

**Rewrite sentence in own words:**

**Social service** is the selfless act of contributing one’s time, effort, or resources toward the betterment of individuals and communities, without the expectation of personal gain. It embodies a sense of responsibility toward society, where people voluntarily engage in activities that promote education, health, equality, and overall human welfare. At its core, social service is not just about charity; it is about fostering dignity, empowering the underprivileged, and creating opportunities that enable sustainable growth and harmony within society. In essence, it transforms compassion into action, making individual kindness a collective force for social progress.

1. **Definition request**

**What is the meaning of Strategy?**

1. **Comparison**

**Compare Agent AI and Agentic AI based on cost, ease of use, speed, accuracy**

1. **Persona-Based Prompt Templates**
2. **Role+explanation**

**Am an Associate medical Professor . I want to explain to all my junior doctor on how to perform CPF.**

1. **Style Mimicry**

**Write like Director Mani Rathnam: A beautiful story in an island**

1. **Professional Writing**

**Am a Lawyer. Write a professional brief describing the different types e of criminal case**

**C . Few-shot Prompt Templates**

1. **Classification sentiment**

**Classify Sentiment**

* **My issue was not solved and am tired following up -> Negative**
* **Thank you for being very empathetic and I will strongly recommend the product to my friends -> Positive**

1. **Translation template**

**Translate to Spanish:I am very ambitious –> Soy muy ambicioso|**

**Learning fuels growth - > aprendizaje impulse el crecimiento**

1. **Question answering template**

**| Who invented quantum physics? ->**

1. **Chain of thoughts**
2. **Step by step reasoning**

I want to make a travel plan to Hill Station

Decide location ->

Research best time ->

Attractions ->

Budget ->

1. **Math Problem Solving**

Solve for x GIVEN 2x+5=17

1. **Logical puzzle**

Three friends — **Alice, Bob, and Carol** — are wearing hats. Each hat is either **red** or **blue**. They can see everyone else’s hat but **not their own**.

Alice says: “I don’t know what color my hat is.”  
Bob says: “I don’t know what color my hat is.”  
Carol says: “I know what color my hat is!”

If there are **two red hats and one blue hat**, what color is **Carol’s hat**?

**E Instruction Tuning/Format Control**

**15. Output formatting**

**Summarise below article in 10 bullet points**

**Sports play a vital role in shaping leadership qualities. They teach us discipline, because consistent practice is the key to success. They also build resilience—every athlete faces defeat but learns to bounce back, just like leaders who face setbacks in business. Team sports highlight the value of collaboration, showing that no one can succeed alone. Sports also sharpen decision-making and strategic thinking under pressure, which are crucial for leadership. Most importantly, sports nurture emotional intelligence—staying calm, motivating others, and respecting fair play. In short, sports are not just games; they are training grounds that prepare individuals to inspire, guide, and lead with confidence and integrity.**

**16. Table Generation**

**Create a table to build competency mapping for a software development team working on databases considering there are junior engineers, senior engineers and advisors.**

**17. Email Writing**

**Write a professional email to customer regarding Renewal of business account. Use formal tone**

**F . Contextual Prompts**

**18. Tailored explanation**

**Explain Quantum physics to an age group of 12-14 who knows basics of Physics and Science.**

**19. Industry specific context**

**As a logistics expert, explain how predictive analytics has improved trade?**

**G Creative writing Prompts**

**20. Story Writing**

**Write a fiction story about a young girl Priyanka who has a goal to travel to a different planet but faces obstacles where no one believes in her**

**21. Poem Writing**

**Write a poem about rhyming form about Seychelles**

**22. Dialogue Writing**

**Write a realistic dialogue between Ram and Shyam discussing about danger of Drones**

**H. Code and Technical Prompts**

**23. Write a language function that does something**

**Write a Python code to do z-score calculation**

**24. Debugging help**

**Below is the code, find and fix errors:**

**# Example: Adding two numbers**

**a = 5**

**b = 10**

**print("The sum is: " + (a + b))**

**25. API documentation**

**Explain how to use Gpay with example request and response**

**26. Ad CopyWriting**

**Write a compelling ad for a Dish washer for working women**

**27. Product Description**

**Write a persuasive product description for Home Theatre**

**28. Social Media Post**

**Create a social media post promoting in a friendly Gym membership in a friendly tone.**

**J customer support and request prompts**

**29. Response to client**

**Respond immediately to this customer complaint.**

**My door lock has been fully damaged, please replace immediately**

**30. FAQ generator**

**Generate 5 common FAQ and answers for the topic Artificial Intelligence**

**K. Education and Tutorials**

**31. Lesson Plan creation**

**Create lesson plan for teaching Virtual Reality to grade level VII**

**32. Quiz generation**

**Generate a 5-question quiz about Machine learning**

**33. Homework help**

**Explain how to solve this A ladder is leaning against a wall. The ladder is 13 meters long, and the bottom of the ladder is 5 meters away from the wall. How high up the wall does the ladder reach?**

**L. Advance Framework Based templates**

**34. ReAct Frawework**

**I want to set up a turf with 30L in hand in Chennai. I want to know the average price to own a turf and the area where I can invest with maximum ROI. Along with the loan options.**

**Thought:**

**Action**

**Observation**

**Answer**

**35. Tree of Thoughts**

**Generate 3 possible solution to problem that I have in hand I need to reach the airport in one hour and I see there is heavy traffic in the usual route. Evaluate each and choose the best one.**

**36. Self-Consistency Prompting**

**Solve the following question in 3 different ways and pick the most consistent answer**

**M. Prompt Optimization and Evaluation**

**37. Prompt refinement**

**Improve this prompt: Can you create an onboarding plan for receptionist in a 5-star hotel in metro city**

**Make it clearer, more specific and structured.**

**38. Rate this output based on following criteria:**

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1. Welcome & Orientation

* HR briefing: hotel policies, grooming standards, attendance rules.
* Introduction to hotel brand values and “luxury service mindset.”
* Guided tour of key areas: lobby, guest rooms, restaurants, spa, banquet halls.
* Meet & greet with Front Office team, Concierge, Housekeeping, and Security.

2. Front Desk Basics (Intro)

* Overview of Property Management System (PMS).
* Basic check-in/check-out flow explained.
* Phone etiquette: greetings, polite transfers, tone of voice.

Afternoon (1:30 PM – 4:00 PM)

3. Service Etiquette & Guest Handling

* Grooming and body language in a luxury hotel setting.
* How to greet VIP and international guests.
* Introduction to upselling (e.g., suggesting spa/dining options).
* Cultural sensitivity awareness.

Evening (4:15 PM – 6:00 PM)

4. Practical Shadowing & Wrap-Up

* Shadow a senior receptionist at the desk during live operations.
* Observe check-ins, guest inquiries, and calls.
* Practice one guest interaction (under supervision).
* Q&A session with Front Office Manager.
* Feedback + outline of Week 1 training plan

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**Relevance**

**Accuracy**

**Clarity**

**Fluency**

**Creativity**

**Final Score**

**39. Prompt iteration challenge**

**Take this week prompt: “Summarize Newton’s laws of motion in one paragraph.”**

**Now rewrite it 3 times to improve clarity and effectiveness**

**N. Real world Application prompts**

**40. Job posting campaign**

**Write a job posting for Analytics leader at Maersk. Include responsibilities, requirements and benefits.**

**41. Resume Summary Builder**

**Create a professional summary for a resume based on the following details**

**Experience – 15 years**

**Skills - Business Analytics, Design Thinking, Product management**

**Achievements -**

**Delivered digital solutions enabling revenue recovery of 50Mn USD**

**Delivered predictive models to enable sales growth and expedite sales cycle**

**Improved NPS of customers by providing visibility and data insights**

**Achieved FTE benefit of 30FTE through digital automation**

**42. Business Proposal**

**Write a proposal for start a Data sciences training centre in 2 tier cities in Tamil Nadu targeting college students to Mr. Naveen. Include objectives, methodology and benefits.**

**O. Miscellaneous Useful templates**

**43. Opinion Writing**

**Write an opinion on “Chemicals in food”. Use persuasive arguments and examples.**

**44. Debate Preparation**

**Prepare arguments for both sides of the debate: “AI is boon or bane”**

**45. Travel Plan**

**Plan a 5 day trip to Meghalaya for a family of 3, with all 3 adults. My budget is 1lakh INR. Age is between 25 – 50. Include activities, budget and tips**

**46. Book/Review**

**Write a review of 48 Laws of power. Include plot summary, strengths, weakness and recommendation**

**47. Personal Development**

**Give me actional advice on how to manage and grow in investment banking along with regular work, including habit and daily mindset change.**

**48. Multi step research task**

**Step 1:**

**Find out top 5 causes on weight gain for age over 40 for men and women**

**Step 2:**

**Based on these causes, suggest 5 practical solutions individuals can adopt**

**49. Ideas to execution**

**Step 1:**

**Generate 5 business ideas with good themes for customised festive gifts**

**Steps 2:**

**Pick one idea and create marketing strategy for it.**