

PROMPT ENGINEERING – 50+ READY-TO-USE PROMPT TEMPLATES

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A. BASIC PROMPT TEMPLATES

1. General Inquiry

Explain LangChain in simple terms:

LangChain is a framework that helps developers build AI apps that can think step-by-step, talk to external tools, search data, and run workflows. It connects an LLM like GPT with your knowledge sources, APIs, databases, or PDFs so the model responds accurately using real data. Example uses: fragrance product search agents, SEO content generators, support chatbots for Argos Fragrances.

2. Summarization

Summarize the text in 5 bullet points:

(Your .md example — summarized)

- A .md file is a Markdown document used mainly for GitHub project documentation.
- It uses simple symbols to format headings, lists, links, and code blocks.
- Developers use it for README, instructions, guidelines, and release notes.
- GitHub automatically converts .md files into nicely formatted HTML.
- It's widely used because it's lightweight, clean, and easy to edit.

3. Paraphrasing

Rewrite this in your own words:

Original:

Added 13 new product images of Argos Perseus Triumphant to the Argos Pinterest Business account...

Paraphrased:

Uploaded 13 fresh images of Argos Perseus Triumphant to our Pinterest Business profile,

created a separate board for the fragrance, and optimized every pin with a custom title, keyword-rich description, and proper alt text.

4. Definition Request

What is the meaning of benchmark?

A benchmark is a standard or reference point used to compare, evaluate, or measure performance, quality, or results. In marketing, it means comparing your metrics with industry standards or competitors to see where you stand.

5. Comparison

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

| Feature | Agent AI | Agentic AI |
|-------------|-----------------------------------|---|
| Cost | Usually lower; simple automations | Higher; dynamic multi-step workflow execution |
| Ease of Use | Easy to set up | Requires configuration + tool integration |
| Speed | Fast for single actions | Slightly slower due to multi-step reasoning |
| Accuracy | Good for simple tasks | High accuracy for complex, multi-tool tasks |

B. PERSONA-BASED PROMPT TEMPLATES

6. Role + Explanation

You are a **Digital Marketing Lead at a fragrance brand**. Explain to interns how **RAG** (**Retrieval Augmented Generation**) improves product description generation.

7. Style Mimicry

Write like Mani Ratnam:

A poetic love story set in a fragrance factory where two perfumers fall in love while creating a scent that changes their destiny.

8. Professional Writing

You are an **SEO Specialist**. Write a professional brief describing the different types of search intent for fragrance shoppers (informational, commercial, transactional, navigational).

C. FEW-SHOT PROMPT TEMPLATES

9. Sentiment Classification

Examples:

- “My perfume bottle leaked during delivery” → Negative
- “This scent lasts the whole day, absolutely love it!” → Positive

Classify:

“Argos delivered my order quickly but the packaging could have been better.”

10. Translation Template

Translate to **Spanish**:

- Luxury fragrances elevate confidence → _____
- This perfume has a long-lasting projection → _____

11. Question Answering

Q: Who invented quantum physics?

A: Max Planck.

D. CHAIN-OF-THOUGHT

12. Step-by-step Reasoning

I want to create a **RAG system for Argos fragrance product search**.

Steps:

1. Identify data sources →
2. Prepare embeddings →
3. Build vector database →
4. Connect LangChain retriever →
5. Test and optimize relevance →

13. Math Problem

Solve for x: $2x + 5 = 17$

x = 6.

14. Logical Puzzle

Carol's hat is **blue** because she deduces it from the others' uncertainty.

E. FORMAT CONTROL

15. Output Formatting

Summarize the article in 10 bullet points

(*sports-leadership article — omitted here for brevity because this is your template*)

16. Table Generation

Build a competency mapping table for a **Data + AI Engineering Team** for SEO/RAG projects.

| Role | Core Skills | Tools | Responsibilities |
|-----------------|-------------------------|------------------|--------------------------|
| Junior Engineer | Python, basic SEO | LangChain, Git | Data prep, model testing |
| Senior Engineer | RAG pipelines | Vector DBs, APIs | System architecture |
| Advisor | Strategy, AI governance | LLM Ops | Review & optimization |

17. Email Writing

Write a professional email to a customer regarding renewal of their fragrance subscription account.

F. CONTEXTUAL PROMPTS

18. Tailored Explanation

Explain quantum physics to 13-year-olds who already understand atoms.

19. Industry-Specific

As a logistics expert, explain how predictive analytics improves perfume export timelines.

G. CREATIVE WRITING

20. Story Writing

A girl named Priyanka dreams of reaching another planet—but no one believes she can. Write her journey.

21. Poem Writing

Write a rhyming poem about Seychelles.

22. Dialogue Writing

Write a dialogue between Ram and Shyam about drone dangers.

H. CODE & TECHNICAL

23. Python Function

Write a Python code to calculate z-score.

24. Debugging

Fix this:

```
print("The sum is:", a + b)
```

25. API Documentation

Explain how to use GPay API with sample request and response.

26. Ad Copywriting

Write a compelling ad for a dishwasher for working women.

27. Product Description

Write a persuasive description for a home theatre.

28. Social Media Post

Friendly tone: Promote a gym membership.

J. CUSTOMER SUPPORT

29. Complaint Response

“My door lock is fully damaged, replace immediately.”

30. FAQ Generator

Generate 5 FAQs on Artificial Intelligence.

K. EDUCATION & TUTORIALS

31. Lesson Plan

Teach VR to Grade 7.

32. ML Quiz

5-question quiz on machine learning.

33. Homework Help

Ladder question (Pythagoras theorem).

L. ADVANCED FRAMEWORKS

34. ReAct Framework

Turf setup example with Thought → Action → Observation → Answer.

35. Tree of Thoughts

3 possible solutions for reaching airport fast during traffic.

36. Self-Consistency

Solve one problem in 3 ways, pick consistent answer.

M. PROMPT OPTIMIZATION

37. Prompt Refinement

Improve onboarding plan prompt.

38. Output Rating

Rate output on relevance, accuracy, clarity, fluency, creativity.

39. Prompt Iteration

Rewrite a weak prompt 3 times.

N. REAL-WORLD APPLICATIONS

40. Job Posting

Analytics Leader at Maersk.

41. Resume Summary Builder

15-year experience, analytics + product + design thinking.

42. Business Proposal

Data science training center in tier-2 TN.

O. MISCELLANEOUS

43. Opinion Writing

Chemicals in food.

44. Debate

AI: Boon or Bane.

45. Travel Plan

5-day Meghalaya plan.

46. Book Review

48 Laws of Power.

47. Personal Development

Investment banking + career growth.

48. Multi-step Research

Causes of weight gain after 40 + solutions.

49. Ideas to Execution

5 festive business ideas + pick one and build strategy.

P. MASTER TEMPLATE

50. Universal Prompt Builder

Role + Task + Context + Example + Format

e.g., You are a fragrance brand storyteller...