50 Prompt Template Assignment

Name : S.Tamilselvan   **Date : 10.07.2025**

Role: Textile Engineer
Task: Create production details report for Trend Kraft
Context: Include details for all colours
Few-shot examples: White, Black, Red, and Green
Output Format: Table format

Final workspace to write prompt based on

R + T + C + F + R

Act as a Textile Engineer and create the production details report for Trend Kraft, including information for all fabric colours, such as White, Black, Red, and Green, presented clearly in a table format.

Prompt Engineering: 50+ Ready-to-Use Prompt Templates Designed for educators and learners - includes basic, intermediate, and advanced examples.

A. Basic Prompt Templates

1. General Inquiry:

Explain the textile process in simple terms

2. Summarization :

Summarize the following text in 1, 100, 200, 300, 400, and 500 bullet points. Insert the long text below

3. Paraphrasing

Rewrite this sentence in your own words: 'Textile process is a pollution industry

4. Definition Request

What is the meaning of Textile Process ?

5. Comparison

Compare Cotton and Polyester based on dyeing process?

6. Role + Explanation

You are a textile process engineer. Please explain the cotton processing steps to new joiners

7. Style Mimicry

Write like actor Vijayakanth: Why is acting important

8. Professional Writing

You are a Textile process Auxiliaries marketing manage. Write a product description for a cotton pretreatment.

C. Few-Shot Prompt Templates

9. Classification Template Classify sentiment:

Finishing Quality - very good

Finishing Quality - Not Good

It was ok – But Average

10. Translation Template

Translate the following sentences into Tamil : Textile processing is essential for everyone, but it also causes pollution

11. Question Answering Template

1. **When was cotton fabric first introduced?**

2. **Who discovered polyester?**

3. **Which country is the largest textile manufacturer in the world?**

D. Chain-of-Thought(CoT)Templates

12. Step-by-Step Reasoning

If a stenter machine runs at a speed of 60 meters per minute for 1 hour, how much production will we get in 8 hours?

13. Math Problem Solving

If 1 kg of finishing chemical is required for 100 kg of fabric, how much finishing chemical is needed for 25,000 kg of fabric?

14. Logical Puzzle

A fabric dyeing unit has 4 dyeing machines (A, B, C, and D), and 4 batches of fabric (Red, Blue, Green, and Yellow) to be processed. Each machine can dye only one batch per day, and each batch requires a specific machine due to color sensitivity.

Clues:

1. **The Red batch must not go on machine C.**

2. **The Green batch must be dyed on machine A or B.**

3. **The Yellow batch cannot go on machine A.**

4. **Machine D is not used for the Blue batch.**

E. Instruction Tuning / Format control

15. Output Formatting

Summarize the varieties of cotton yarn counts used in textiles.

16. Table Generation

Create a table comparing the quantity of chemicals consumed in the first quarter based on machine capacity

17. Email Writing

Write a professional email to Factory Manage regarding getting appointment for new lounged product discussion. Use a formal tone.

F. Contextual Prompts

18. Tailored Explanation

 Explain polyester cotton blend dyeing method to a diploma textile process student who understands basic textile process.

19. Industry-Specific Context

As a Textile process expert, explain how cotton knitted fabric impacts textile processing industries?

G. Creative Writing Prompts

20. Story Writing

Write a short story about Colour who achieved good quality but faces time management

21. Poem Writing

Write a poem in Bharathiyar style about current world situation.

22. Dialogue Writing

Write a realistic dialogue between Me and god discussing about Indian future in textile.

H. Codes Technical Prompts

23. Code Generation

Write a Python function to calculate Income tax slap of FY 25-26

24. Debugging Help

Here is the Streamlit code. Please find and fix the error

25. API Documentation

Explain how to use the Open AI API with an example request and response.

I. Marketings Business Prompts

26. Ad Copywriting

Write a compelling ad for women clothing store, targeting Female age between 18 to 55 Years.

27. Product Description

Write a persuasive product description for Textile cotton knits Garments.

28. SocialMedia Post

Create a social media post promoting my company participate in Textile Exhibition in a

friendly tone.

J. Customer Support S Service Prompts

29. Response to Complaint

The fabric quality was not approved by the buyer. Fabric softness needs to be improved.

30. FAQ Generator

Generate 5 common FAQs and answers for Textile process machineries

31. Lesson Plan Creation

Create a lesson plan for teaching silicone finishing to new comer.

32. Quiz Generation

Generate a5-question quiz about water quality for Textile process.

33. Homework Help

Explain how to solve this speed and time problem in stenter finishing machine.

L. Advanced Frame work-Based Templates

34. ReAct Framework

Thought: Match quality to buyer sample

Action: Check quality with computer matching system

Observation: Result was ok

Answer: Product Approved

35. Tree of Thoughts(ToT)

Generate 3 possible solutions to ETP issues in textile industries. Evaluate each and choose the best one.

36. Self-Consistency Prompting

Solve the following question in 3 diflerent ways and pick the mostconsistentanswer:

How to avoid fabric Odor issue.

M. Prompt Optimizations Evaluation

37. Prompt Refinement

Improve this prompt:"What is the currnt situation of textile industry in Tamil Nadu. Make it clearer, more specific, and structured.

38. Prompt Grading Rubric

Rate this output based on the following criteria(1—5):

1. **Relevance – Ensure the content is closely related to textile processing steps.**

2. **Accuracy – All technical terms, sequences, and processes must be factually correct.**

3. **Clarity – The explanation should be easy to understand and logically structured.**

4. **Fluency – The language should flow smoothly without grammatical errors.**

5. **Creativity – Present the information in a unique or engaging way (e.g., using real-life examples, analogies, or visuals).**

6. **After completing the explanation, provide a Final Score out of 10 based on the above criteria**

39. Prompt Iteration Challenge

Take this weak prompt: "In India what is forecast of Textile industry growth?

Now rewrite it 3 times to improve clarity and effectiveness.

40. Job Posting Creation

Write a job posting for General Manager at Trend Krfat. Include responsibilities, requirements, and benefits.

41. Resume Summary Builder

Create a professional summary for a resume for GM – Processing based on the following details:

[Experience, skills, achievements]

42. Business Proposal

Write a proposal for Process technique of Low Temperature bleaching to CEO. Include objectives, methodology, and benefits

O.Miscellaneous Useful Templates

43. Opinion Writing

Write an opinion piece on quality issue of Fabric. Use persuasive arguments and examples.

44. Debate Preparation

Prepare arguments for both sides of the debate:"Fabric quality issues (Inspection team vs and Production team)

45. Travel Planning

Plan a 5-day trip to Azerbijan for Sales team annual budget meeting. Include activities, budget, and tips.

46. BooVMovie Review

Write a review of Kooli.Include plot summary, strengths,weaknesses, and recommendation.

S7. Personal Development

Give me actionable advice on how to become a billionaire with in 2 years, including daily habits and mindset shifts.

<mark>**P.Prompt Chaining Examples**</mark>

48. Multi-step Research Task

Step 1:

Find out the top 5 causes of Textile Engineer.

Step 2:

Based on those causes, suggest 5 practical solutions individuals can adopt.

49. Idea to Execution

Step 1:

Generate 5 business ideas for eco-friendly products in textile industries .

Step 2:

Pick one idea and create a marketing strategy for it.

<mark>**Q. Prompt Template Generator**</mark>

50. Universal Prompt Builder

[Role] + [Task] + [Context] + [Example]+ [Format] Example:

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