

Prompt templates and frameworks


- Prompt templates and frameworks are structured approaches to crafting prompts that guide AI models in generating desired outputs. These tools can help ensure consistency, clarity, and relevance in responses. Here are some commonly used templates and frameworks for different tasks:

1. Question-Answering Template

Objective: To get concise and accurate answers to specific questions.

Template:

makefile


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Q: [Insert your question here]

A: [Expected concise answer]

Example:

makefile

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Q: What are the main causes of climate change?

A: The main causes of climate change are the burning of fossil fuels, deforestation, and i

2. Instruction Template

Objective: To provide step-by-step instructions or guidelines.

Template:

```
vbnet Copy code  
  
Task: [Describe the task]  
Steps:  
1. [Step 1]  
2. [Step 2]  
3. [Step 3]  
...
```

Example:

```
vbnet Copy code  
  
Task: How to bake a chocolate cake  
Steps:  
1. Preheat the oven to 350°F (175°C).  
2. Mix flour, sugar, cocoa powder, baking powder, and salt.  
3. Add eggs, milk, oil, and vanilla extract and mix until smooth.  
4. Pour the batter into a greased baking pan.  
5. Bake for 30-35 minutes or until a toothpick comes out clean.  
6. Let the cake cool before frosting.
```

3. Summary Template

Objective: To generate a summary of a given text.

Template:

```
vbnet Copy code  
  
Text: [Insert the text to be summarized]  
Summary: [AI-generated summary]
```

Example:

```
vbnet Copy code  
  
It may also be applied to any machine that exhibits traits associated with a human mind such as
```

4. Creative Writing Template

Objective: To generate creative content like stories or poems.

Template:

```
makefile                                                                    Copy code

Prompt: [Describe the scenario or theme]
Story/Poem: [AI-generated content]
```

Example:

```
vbnet                                                                    Copy code

Prompt: Write a short story about a time-traveling detective.
Story: Detective Jane Doe had seen it all in her career, but nothing could prepare her for
```

5. Dialogue Template

Objective: To create a conversation between characters.

Template:

```
sql Copy code  
  
Character 1: [Dialogue from character 1]  
Character 2: [Response from character 2]  
...
```

Example:

```
mathematica Copy code  
  
Character 1: "Did you hear about the new exhibit at the museum?"  
Character 2: "No, I haven't. What's it about?"  
Character 1: "It's all about ancient Egyptian artifacts. I've heard they have a real mummy"  
Character 2: "That sounds fascinating! We should definitely check it out."
```

6. Comparative Analysis Framework

Objective: To compare and contrast different items or concepts.

Framework:

markdown

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```
Topic: [Describe the topic]
Comparison Criteria:
1. [Criterion 1]
2. [Criterion 2]
3. [Criterion 3]
Comparison:
- [Item 1] vs [Item 2]: [Comparison based on criterion 1]
- [Item 1] vs [Item 2]: [Comparison based on criterion 2]
- [Item 1] vs [Item 2]: [Comparison based on criterion 3]
Conclusion: [Summary of the comparison]
```

Example:

vbnet

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```
Topic: Comparing Electric Cars and Gasoline Cars
Comparison Criteria:
1. Environmental Impact
2. Cost of Ownership
3. Performance
Comparison:
- Environmental Impact: Electric cars produce zero emissions during operation, while gasoline cars produce significant emissions.
- Cost of Ownership: Electric cars have lower fuel and maintenance costs but higher upfront costs.
- Performance: Electric cars offer instant torque and quieter operation, while gasoline cars offer higher horsepower.
Conclusion: Electric cars are more environmentally friendly and cost-effective in the long run.
```


7. Problem-Solution Template

Objective: To present a problem and propose a solution.

Template:

makefile

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Problem: [Describe the problem]

Solution: [Describe the proposed solution]

Example:

vbnet

 Copy code

Problem: Many urban areas suffer from high levels of air pollution due to traffic congestion.

Solution: Implement a comprehensive public transportation system combined with incentives.

8. Review and Feedback Template

Objective: To collect or provide structured feedback on a particular subject.

Template:

makefile

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```
Subject: [Describe the subject]
Pros: [List positive aspects]
Cons: [List negative aspects]
Suggestions: [Provide suggestions for improvement]
```

Example:

vbnet

 Copy code

```
Subject: New Employee Onboarding Process
Pros: Comprehensive training sessions, supportive mentors, clear expectations.
Cons: Lengthy paperwork, some redundant training modules.
Suggestions: Streamline paperwork process, update training modules to eliminate redundancy
```

Using these templates and frameworks can help standardize the process of prompt engineering, making it easier to achieve desired outcomes consistently. They can be adapted and customized based on specific needs and contexts.