Assignment (Prompt Engineering)

# 1. Reusable Prompt Templates

A reusable prompt template is a structured instruction with placeholders (like {text} or {question}) that can be filled with different inputs. This makes it possible to use the same template for many tasks without rewriting the entire prompt.

## Template for Sentiment Analysis

Task: Perform sentiment analysis.  
Instruction: Classify the sentiment of the given text as Positive, Negative, or Neutral.  
  
Text: "{text}"  
Answer:

## Template for FAQ Answering

Task: Answer FAQs.  
Instruction: You are a helpful assistant. Use the given knowledge base to answer user queries clearly and concisely.  
  
Question: "{question}"  
Answer:

# 2. Sentiment Analysis Prompts (with examples)

Prompt Example 1:

Classify the sentiment of this text:  
"The product was amazing, I really enjoyed using it."

Expected Output: Positive

Prompt Example 2:

Classify the sentiment of this text:  
"I am disappointed with the service, it was terrible."

Expected Output: Negative

Prompt Example 3:

Classify the sentiment of this text:  
"The food was okay, not too good and not too bad."

Expected Output: Neutral

# 3. FAQ Answering Prompts (Banking Assistant FAQ)

You are a banking assistant. Answer the FAQ:

1. "What is the minimum balance required for a savings account?"

Expected Output: The minimum balance required for a savings account is ₹5000.

2. "What are the current interest rates on fixed deposits?"

Expected Output: The interest rates on fixed deposits range from 5.5% to 7% depending on the tenure.

3. "How can I apply for a new debit card?"

Expected Output: You can apply for a new debit card online through net banking or by visiting your nearest branch.

4. "What is the process to reset my net banking password?"

Expected Output: To reset your net banking password, click on "Forgot Password" on the login page and follow the instructions.

5. "How do I block my lost credit card?"

Expected Output: You can block your lost credit card immediately through mobile banking, net banking, or by calling customer care.

6. "What are the bank’s working hours?"

Expected Output: Our bank branches are open from 10:00 AM to 4:00 PM, Monday to Friday, and 10:00 AM to 2:00 PM on Saturdays.