

Zero-Shot Prompting

Zero-Shot is a technique where the model performs new tasks with only task instructions, without any examples.

Design Principles



Clear Instructions

Describe tasks specifically and clearly



Structured Output

Specify the desired output format



Provide Context

Include background information needed for task execution



Constraints

Specify constraints for safety and quality



Medical Example: Symptom-Based Initial Assessment

You are a medical AI assistant. Analyze the following symptoms and provide a preliminary assessment with possible conditions (ranked by likelihood):

Symptoms: persistent cough, fever, fatigue

Output format: JSON with conditions array

✓ Clear role and task definition, structured output format specified