

# Zero-shot vs Few-shot Prompting in Sentiment Analysis

**Objective:** To compare zero-shot and few-shot prompting methods in a Large Language Model (LLM).

**Task:** Sentiment classification of sentences.

Approach	Prompt	Output
Zero-shot	Determine if the following sentence is positive or negative: "I love my new phone."	Positive
Few-shot	Example 1: "I am happy today." → Positive Example 2: "I am sad today." → Negative Now classify: "I love my new phone."	Positive

**Observations:** 1. Zero-shot works without examples, relying only on the model's prior training. 2. Few-shot gives the model clear examples, leading to more controlled and accurate responses. 3. Few-shot is especially useful for complex or ambiguous sentences.

**Conclusion:** Few-shot prompting provides better control and accuracy compared to zero-shot, though for simple, common tasks, both can perform equally well.