

Approach	Prompt Logic Summary	Rationale/Design Goal	Total Valid Predictions	Accuracy	JSON Validity Rate	Reliability (Std Dev of Error)
P1: Base Prompt	Minimal instruction, aimed for baseline performance.	Established the baseline for classification and structured output adherence.	200	64.00%	100%	0.515
P2: CoT & Few-Shot	Added Star Scale, Examples ('Few-Shot'), and Chain-of-Thought (CoT) steps.	Designed to guide reasoning and maximize Accuracy by using contextual evidence and structured thought.	200	67.50%	100%	0.506
P3: Persona & Anti-Examples	Added Persona ('Yelp Review Analyst'), strict guidelines, and explicit Anti-Examples.	Focused on strict output control and consistency, aiming to maximize Reliability and prevent formatting errors.	200	63.00%	100%	0.549