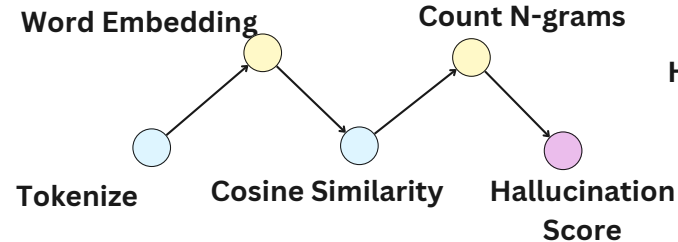


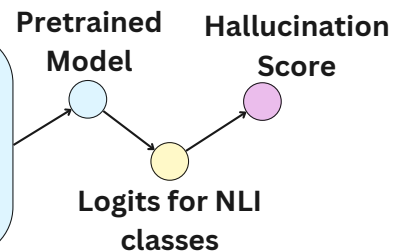
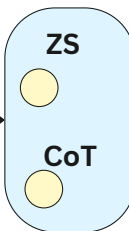


Agentic SelfCheck Framework

Semantic Agent



Premise + Hypothesis



[The dog is happy,...
The canine is joyful]

Hallucination score : 0.10

Hallucination score : 0.63



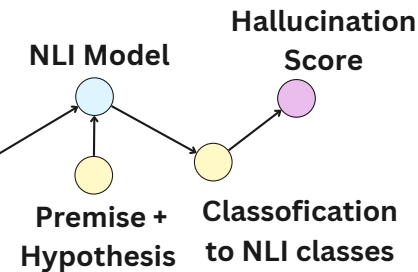
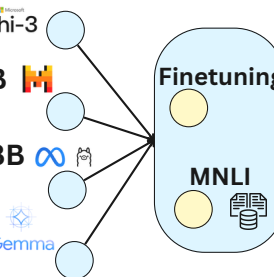
[Premise: The Earth is round.
Sentence: The Earth is flat.]

Hallucination score : 0.89

Hallucination score : 0.49

Specialized Detection Agent

Phi-3
Mistral 7B
Llama 3.1 8B
Gemma 7B

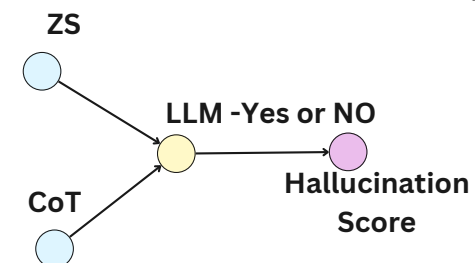


[Premise: The cat is sitting on the mat.
Hypothesis :A cat is resting on the mat.]

Hallucination score : 0.05

Hallucination score : 0.71

Contextual Consistency Agent



[Context: The sky is clear and sunny today.
Sentence: It is raining heavily outside.]

Hallucination score : 1.00

Hallucination score : 0.41