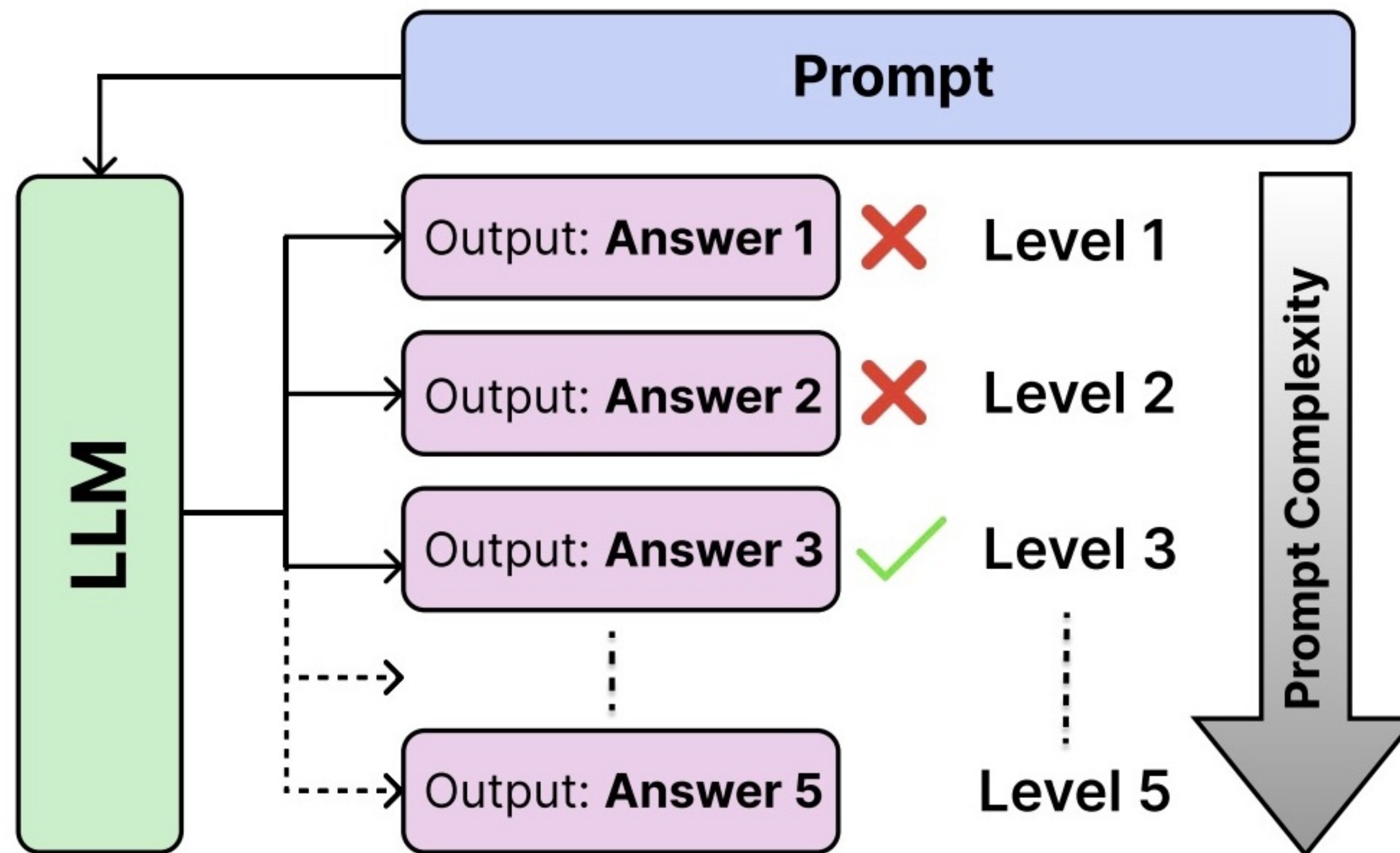# Hierarchical Prompting Taxonomy: A Universal Evaluation Framework for Large Language Models

Devichand Budagam[1], Sankalp KJ[2], Ashutosh Kumar[3], Vinija Jain[4,5], Aman Chadha[4,5]

[1]Indian Institute of Technology Kharagpur, India, [2]AI Institute, University of South Carolina, USA
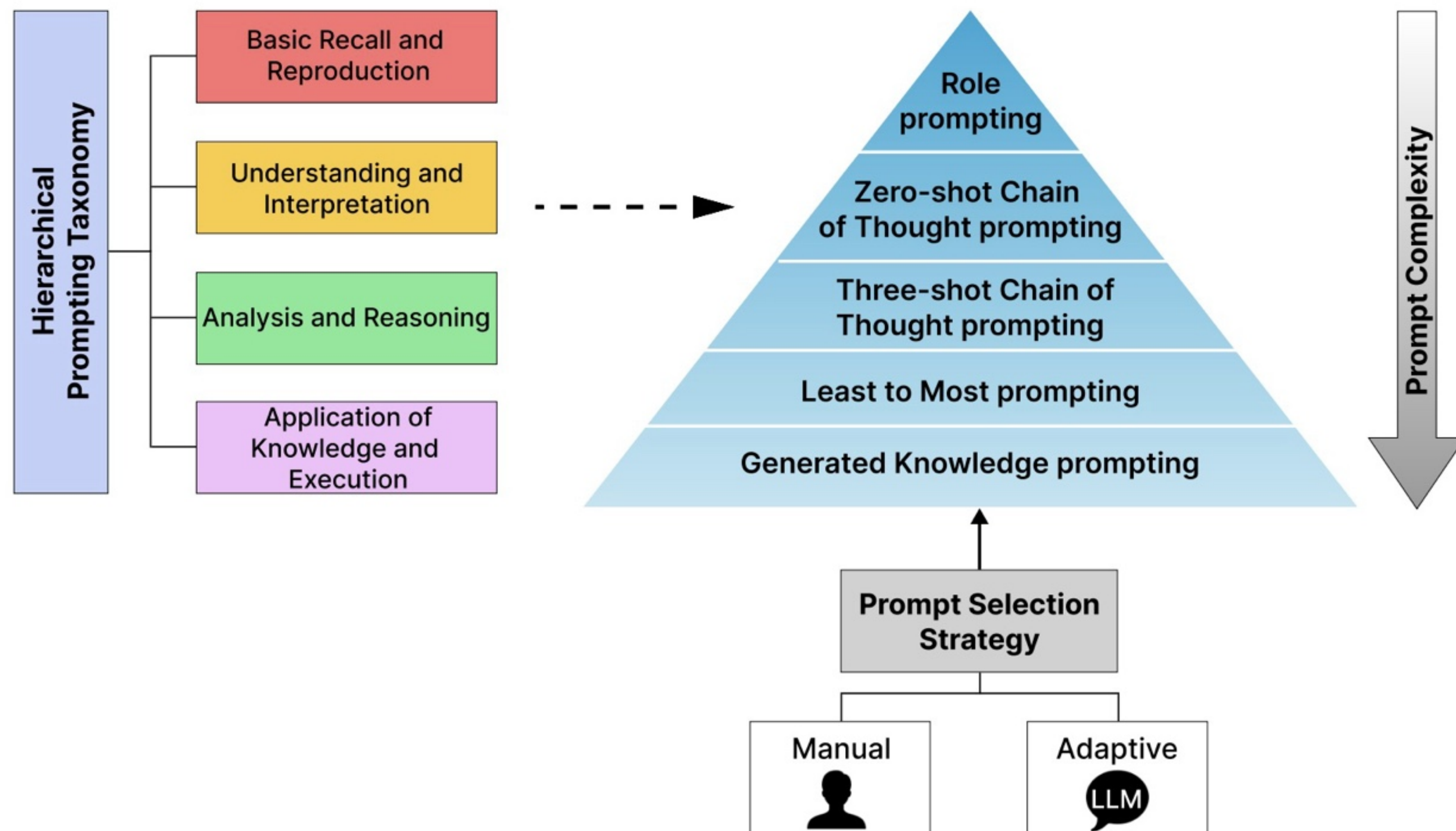[3]Rochester Institute of Technology, USA, [4]Amazon GenAI, USA, [5]Stanford University, USA

Hierarchical Prompt Framework (HPF) consists of five distinct prompting strategies, each tailored to different levels of task complexity, ensuring the appropriate prompt is selected for the given task.

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Hierarchical Prompting Taxonomy (HPT): A taxonomy designed to assess task complexity based on the criteria: Basic Recall and Reproduction, Understanding and Interpretation, Analysis and Reasoning, and Application of Knowledge and Reasoning.