

Introduction to Generative AI Universe

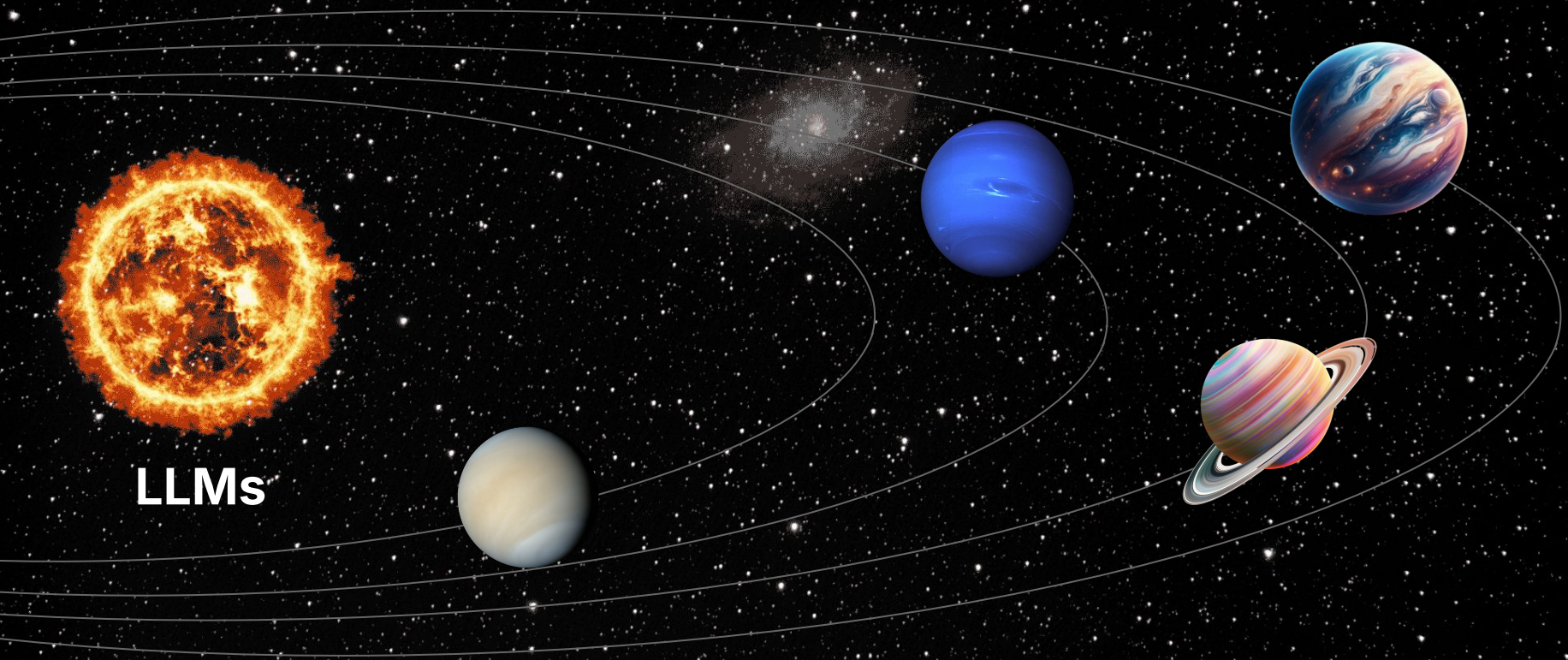
Instructor

Apoorv Vishnoi

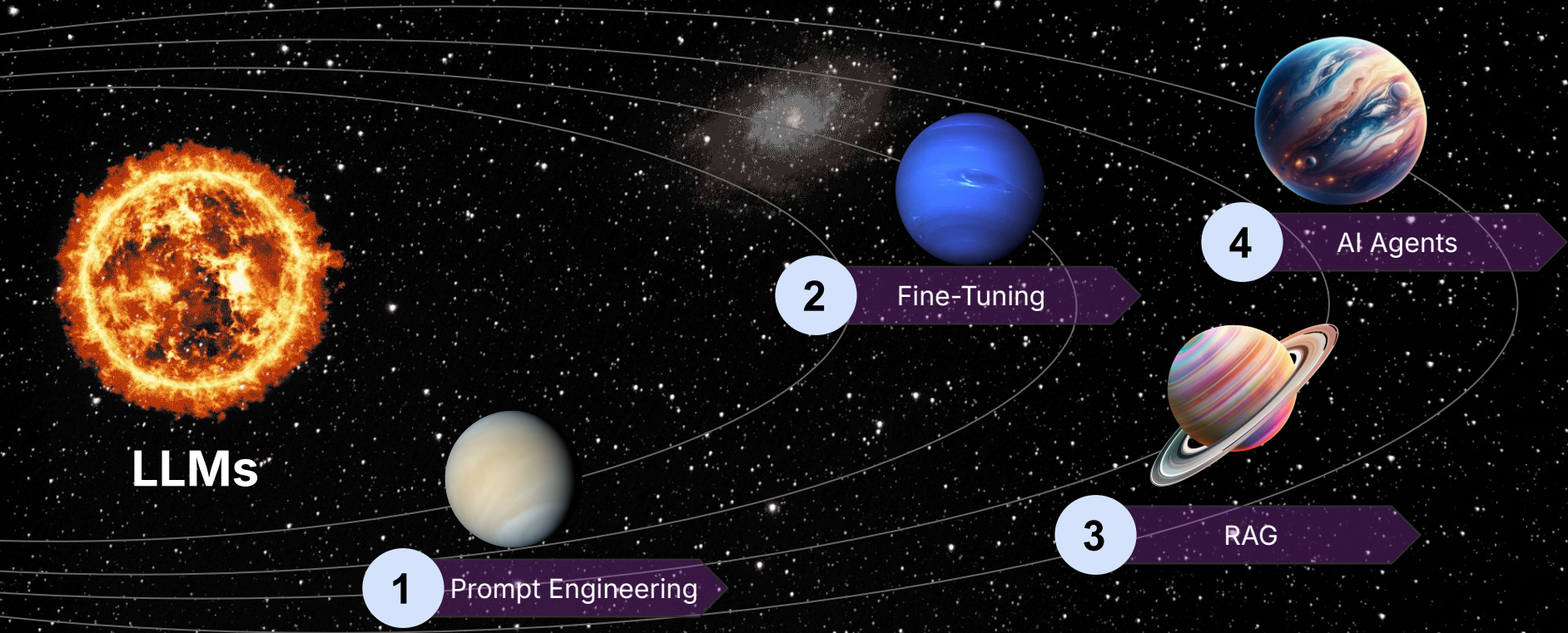
Head - Training Vertical at Analytics Vidhya



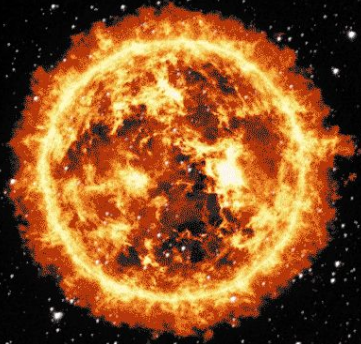
SOLAR SYSTEM : ANALOGY



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LLMs



1

Prompt Engineering



PROMPT ENGINEERING



Easiest way to use LLMs



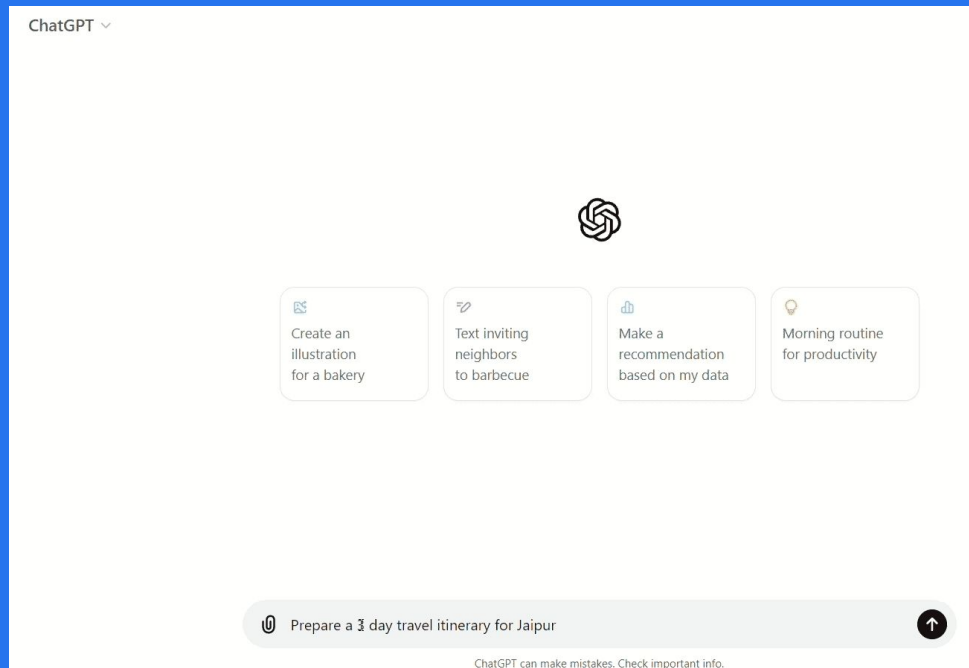
Prompts: Text instructions or input queries for AI



Prompt Engineering: Crafting and optimizing prompts for best results



PROMPT ENGINEERING



SOLAR SYSTEM : ANALOGY



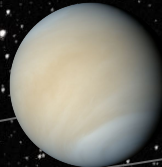
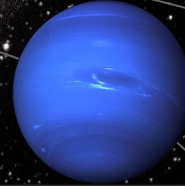
LLMs

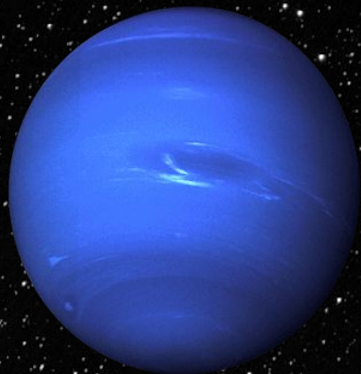
1

Prompt Engineering

2

Fine-Tuning

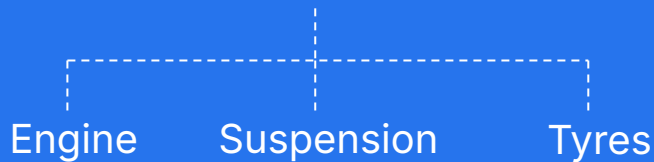


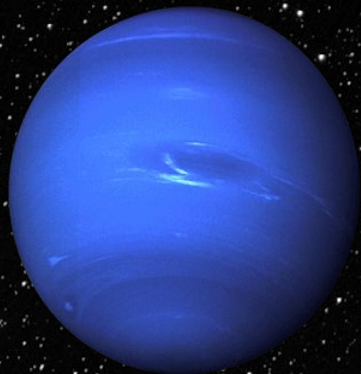


FINE-TUNING

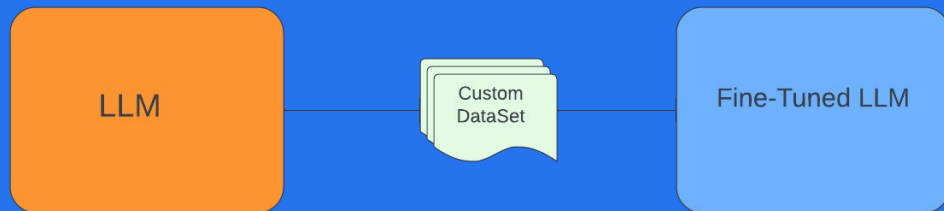


Base Model >>> Racing/Off-roading Model

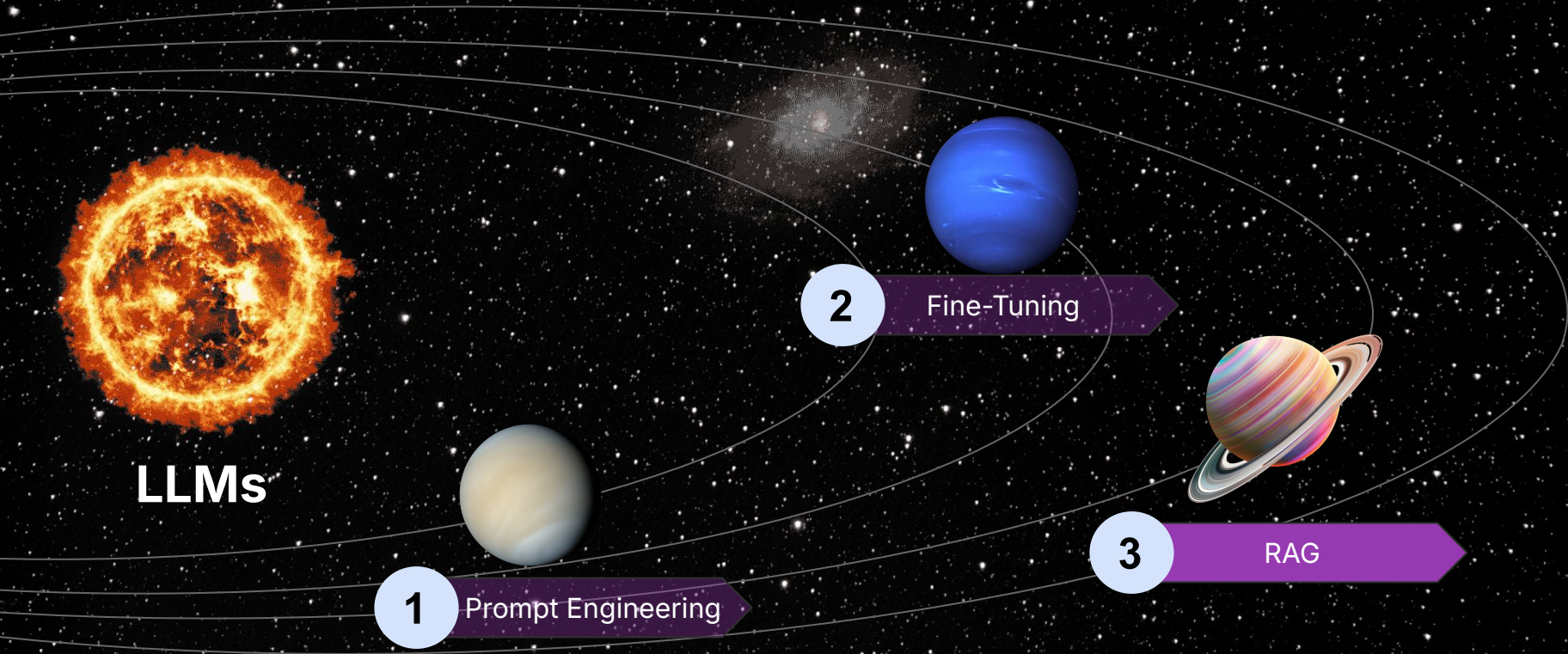




FINE-TUNING



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THIRD PLANET



Query: Legal
History of the
company



LLM



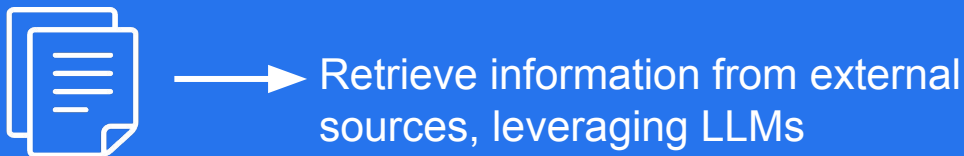
Not Trained



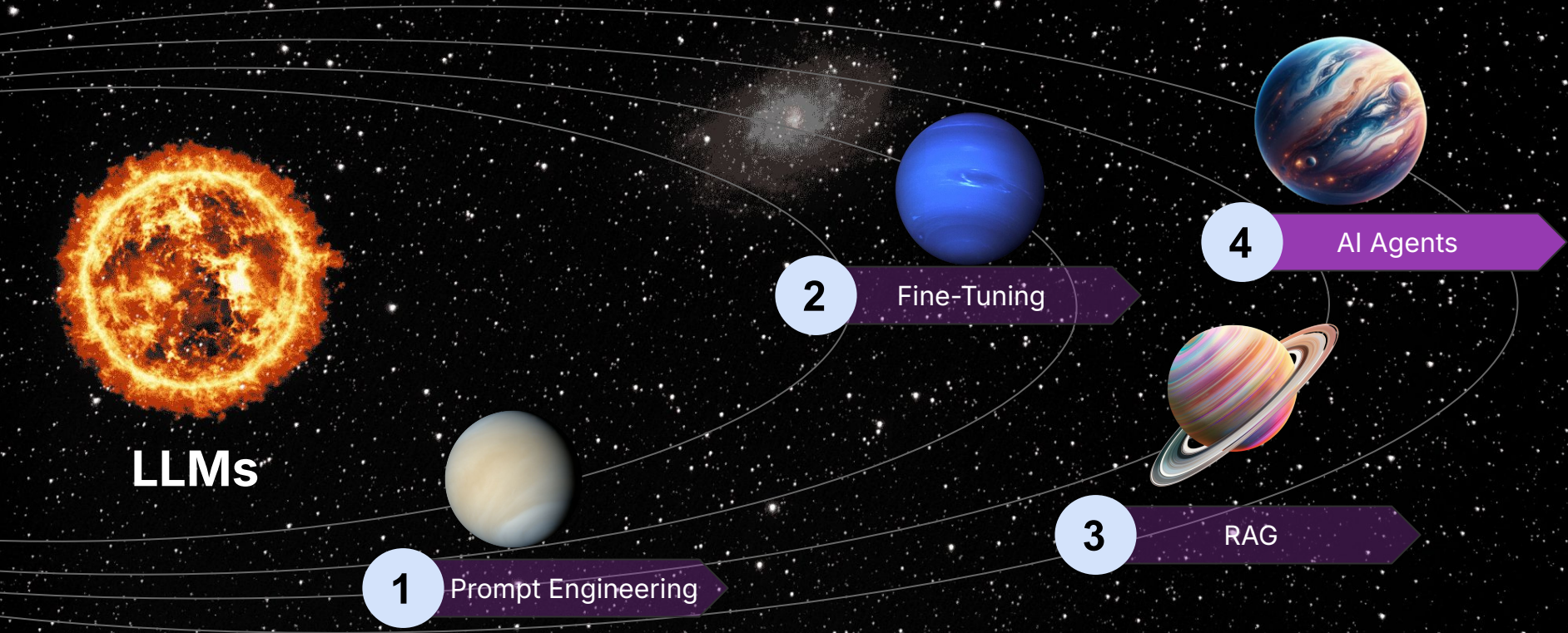
RAG



Retrieval **A**ugmented **G**eneration



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AI AGENTS



Minimal Human Intervention



Decision-Making



Action Execution



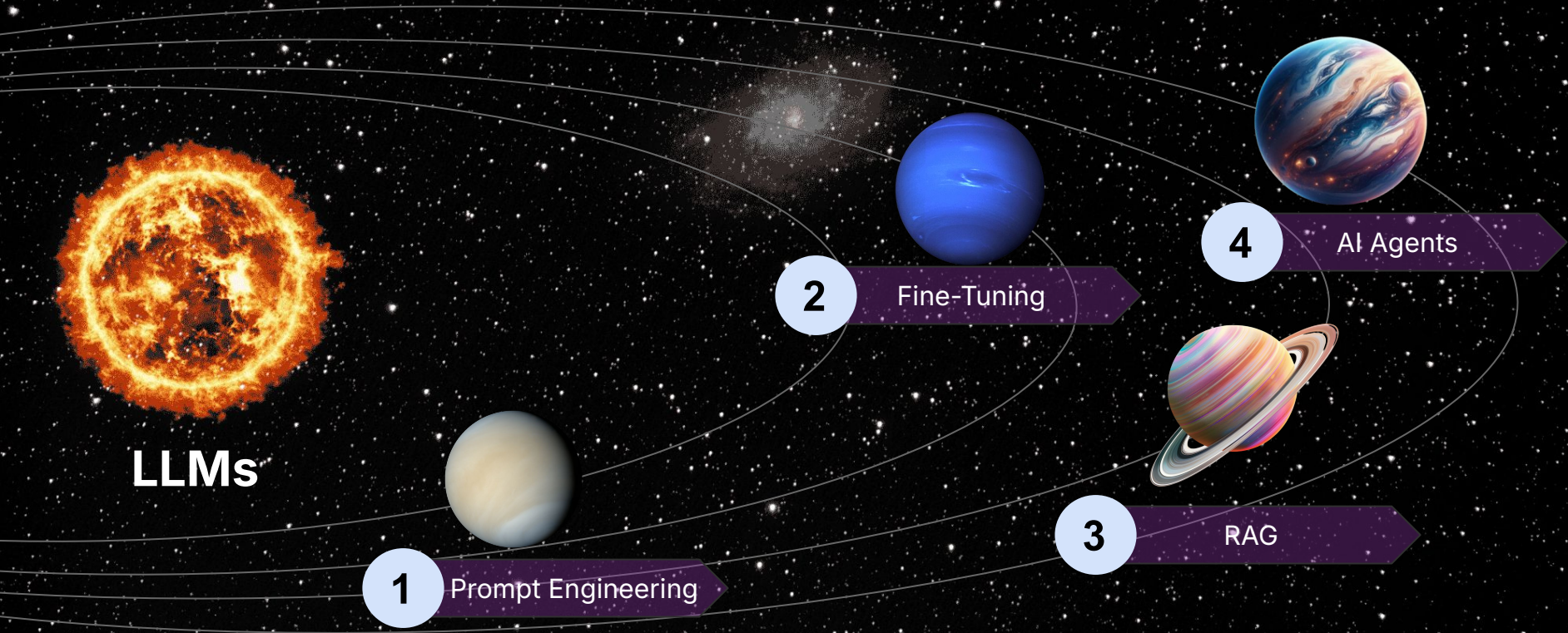
Adaptive Learning



AI AGENTS

AI agents are smart systems that can do tasks on their own by interacting with the world around them.

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Up Next: LLMs

Thank You