

Dr.Sai: Physical Analysis Agents based on LLMs for BESIII Experiment and Exploration of Future AI Scientist

Saturday 20 July 2024 17:36 (17 minutes)

Recent advances in AI have been significant, with large language models demonstrating astonishing capabilities that hold the promise of driving new scientific discoveries in high-energy physics. In this report, we will discuss two potential approaches to large models. The first is a specialized intelligent agent for BESIII experiment based on large language models, encompassing its brain, sensors, memory, actuators, and learning systems. Second, we will talk about the large model that directly processes particle physics data, referred to as a scientific large model. We discuss recent progress and considerations for developing future AI scientists.

Alternate track

I read the instructions above

Yes

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