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Educational Outreach with AI-Assisted CERN Open Data Analysis

We introduce a summer school workshop designed for a group of gifted students from different backgrounds. In this workshop, AI language assistants will be employed to aid students in conducting analysis of Open Data from the ATLAS experiment at CERN, with a specific emphasis on the Higgs Boson discovery.
This initiative aims to demonstrate the practical application of AI tools like ChatGPT in their potential in educational settings for simplifying complex scientific concepts and rapid feedback-loop for their users.
We further provide an outlook if and how these tools can help to develop innovative analysis strategies.

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