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## Data Analysis with Jupyter Notebooks and Python, supported with AI from ChatGPT

*Wednesday 3 July 2024 14:45 (45 minutes)*

In this lecture, we will explore how to use Jupyter Lab and Python for data analysis, supported by AI code generation using ChatGPT. We'll start by looking at a working ChatGPT implementation, then introduce the Jupyter Lab and Python features necessary for data analysis. Participants will engage in a hands-on exercise, "Time-of-Flight," applying these tools to solve physics problems. The aim is to develop proficiency in the application of AI and data analysis tools for physics, while enhancing analytical skills and practical knowledge.

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