INTRODUCTORY TALK · NO PRIOR KNOWLEDGE NEEDED

CHATBOTS IN YOUR FACE FOR ANYBODY

What's it about? & who are you?

A fun look at the history and workings of chatbots, starting from the 1960s rule-based models up to present models such as ChatGPT. You'll get an understanding of the whole pipeline of a GPT from input to output, including how input text is represented in maths, why attention matters, what a transformer is, and why chatbots hallucinate.

I am Andrew Fowlie, an Associate Professor of Physics in the School of Maths and Physics. My research spans theoretical physics, statistical inference, Bayesian data analysis, and machine learning.



Hmm. Complicated?

Nope. No prior knowledge of machine learning or maths is required; some linear algebra would help, but come even if you don't know any.

Cool. When & where?

11 AM – 12 PM · Wednesday, 11 November 2026

Central Campus. MB537