AI in Higher Education- Maths and Stats Support Experience

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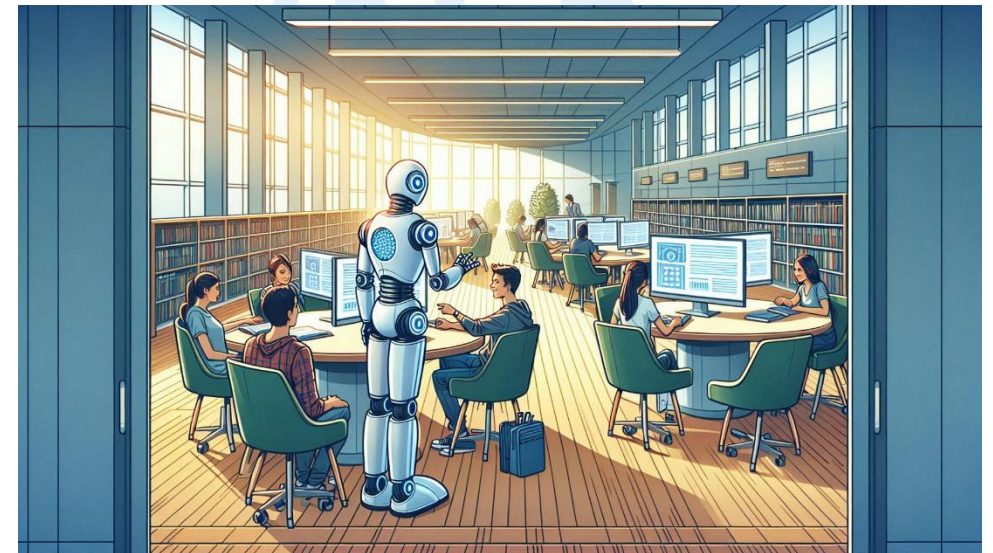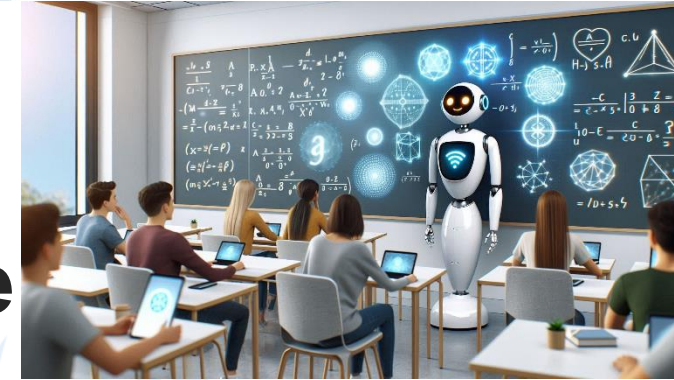# Introduction: General Landscape

- AI is transforming the landscape of higher education, enhancing teaching and learning: **Personalised learning experiences.**

Integration of AI on the Higher Education

- Discussion on its possible **integration in the classroom** and in **support services** like sigma at Coventry University and others.
  - **Personalised tutoring**
  - **Extra hours support**
  - AI powered **research tools**

AI in Education implementation: Closed Source vs Open Source

Closed source models (GPTs and Agents)

▪ AI agents- Copilot Studio and other tools.

▪ Personalised chatbots: **GPTs** and **Copilots***, soon Google "Geminis"

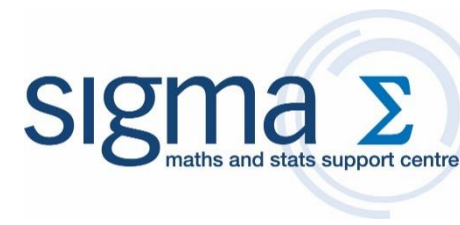## Open-source models

▪ Open source: **LLAMA** and different implementations like **LLEMMA(retrained for maths)**

▪ **LM studio** and similar (Running local models)

▪ Retraining them to be good at maths and stats.

My own experience: Meet sigma and SPSS bot

- Live Demo

Thanks !