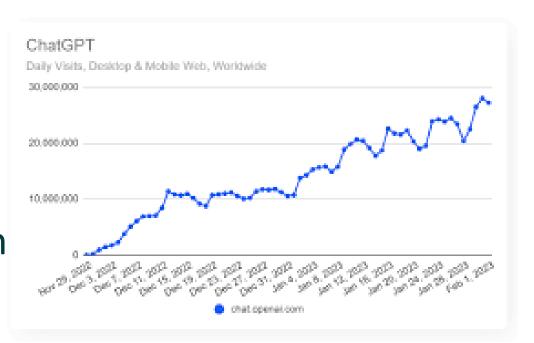


Introduction

- AI, specifically LLMs, has become a sign part of our lives



- Ethical and accountability considerations





Evolution of Research Projects

- Traditional approach: extensive reading, data collection, thesis production



- Revolutionized by technology: word processing, graphing, tabulating
- Recent developments in AI, automation of instrumentation and processes

Impact on Supervision of Research Projects



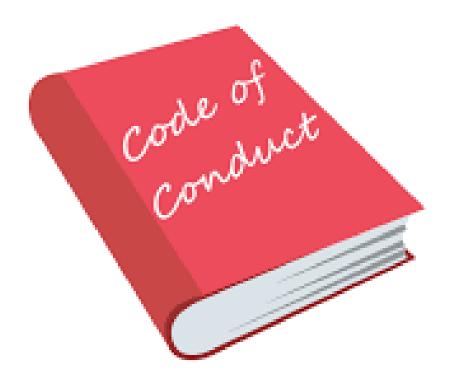
- Considerations: staff CPD, culture of mistrust, of students, age dependence

Impact on Supervision of Research Projects

- Need for a formal and uniform approach to AI in HE research projects
- Potential benefits and drawbacks of using LLMs in research projects

Framework for Supervision

- Nuanced approach: understanding benefits and drawbacks
- Importance of face-to-face communication alongside AI usage
- Opportunities for deeper discussions and additional students



Implementation of AI and LLMs

- Reduction of admin time through workshops and clear guidelines
- Ensuring technology does not undermine trust and confidence
- Clear structure for AI usage while encouraging curiosity and preventing over-reliance

Some Conclusions

- Al can be extremely useful but is not a magic wand
- Need for a structured framework for Al usage in research supervision
- Balancing efficiency and effectiveness with trust and curiosity

Looking at the intervention of AI in the practice of the research student – a discussion

