

AI tools for efficient information retrieval

Daiva Steponavičienė



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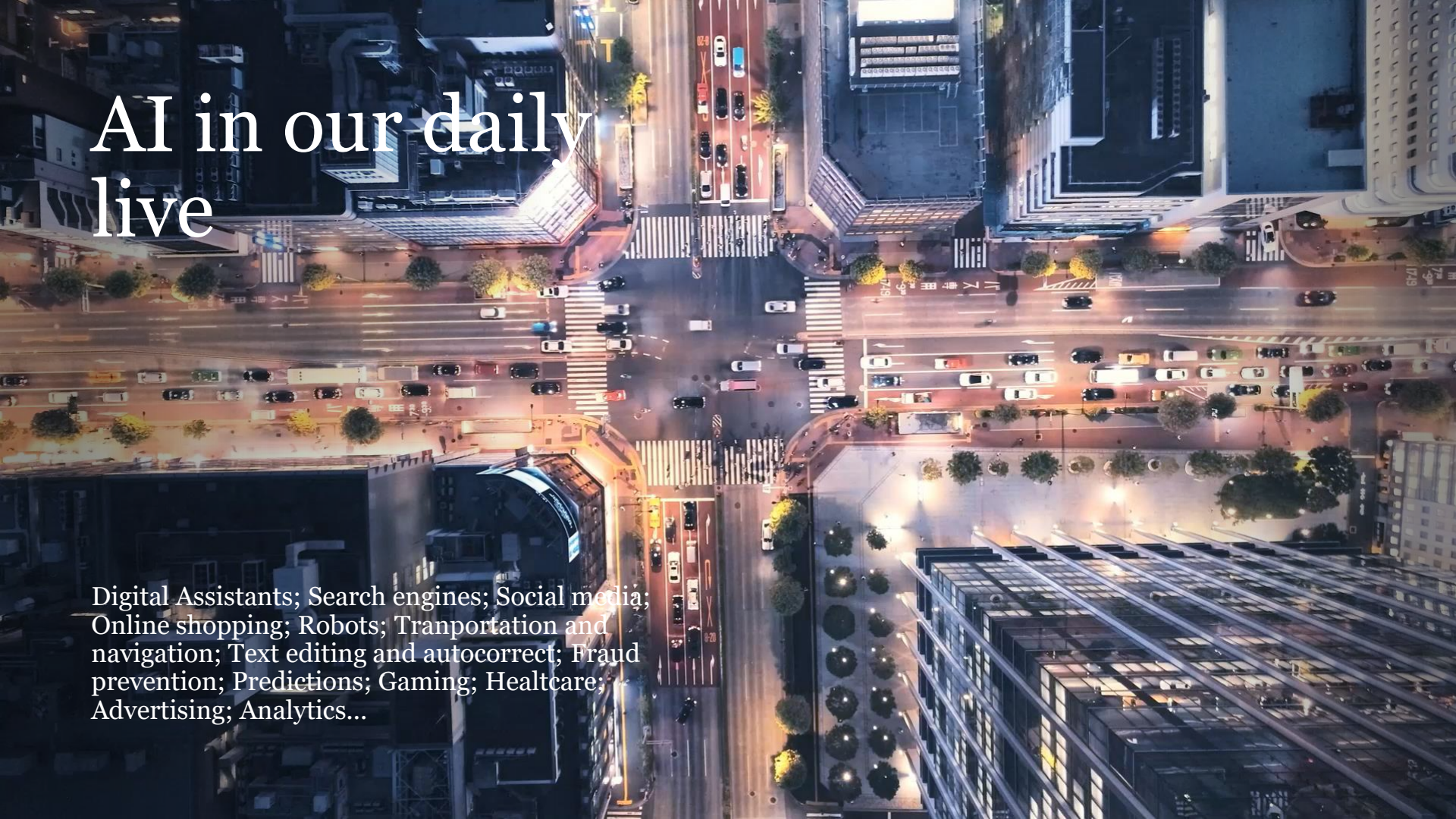




What is AI?

Artificial intelligence (AI) is technology that enables computers and machines to simulate human learning, understanding, problem solving, decision making, creativity and autonomy.



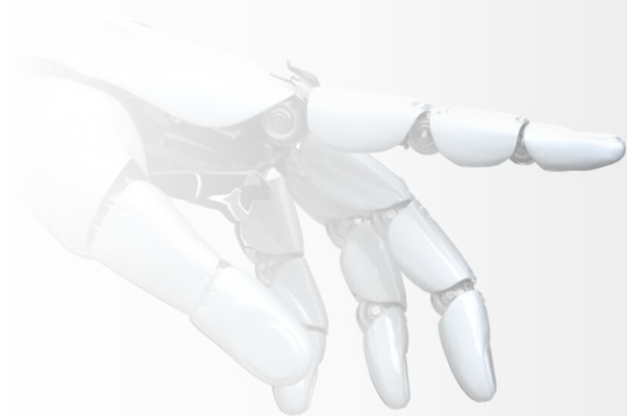
An aerial, top-down view of a busy city intersection at night. The scene is illuminated by streetlights and the lights of buildings and vehicles. Multiple lanes of traffic are visible, with cars and trucks moving through the intersection. Pedestrian crossings with white zebra stripes are also visible. The surrounding urban landscape includes various high-rise buildings, some with lit-up facades, and green spaces with trees. The overall atmosphere is one of a vibrant, modern city at night.

AI in our daily live

Digital Assistants; Search engines; Social media;
Online shopping; Robots; Transportation and
navigation; Text editing and autocorrect; Fraud
prevention; Predictions; Gaming; Healthcare;
Advertising; Analytics...

A chatbot

- **Natural Language Processing (NLP)**
- **Artificial Intelligence (AI)**
- **Integration**





ChatGPT

Generative Pre-trained Transformer

- **Advanced Technology**
- **Wide Application**
- **Learning from Interactions**
- **Accessibility**

Specialized AI information retrieval tools

 Consensus

 Elicit



scite_



perplexity



SEMANTIC SCHOLAR

A free, AI-powered research tool for scientific literature

- Consensus
- Elicit
- Research Rabbit
- Semantic scholar
- Perplexity
- Scite

Lower



WILEY

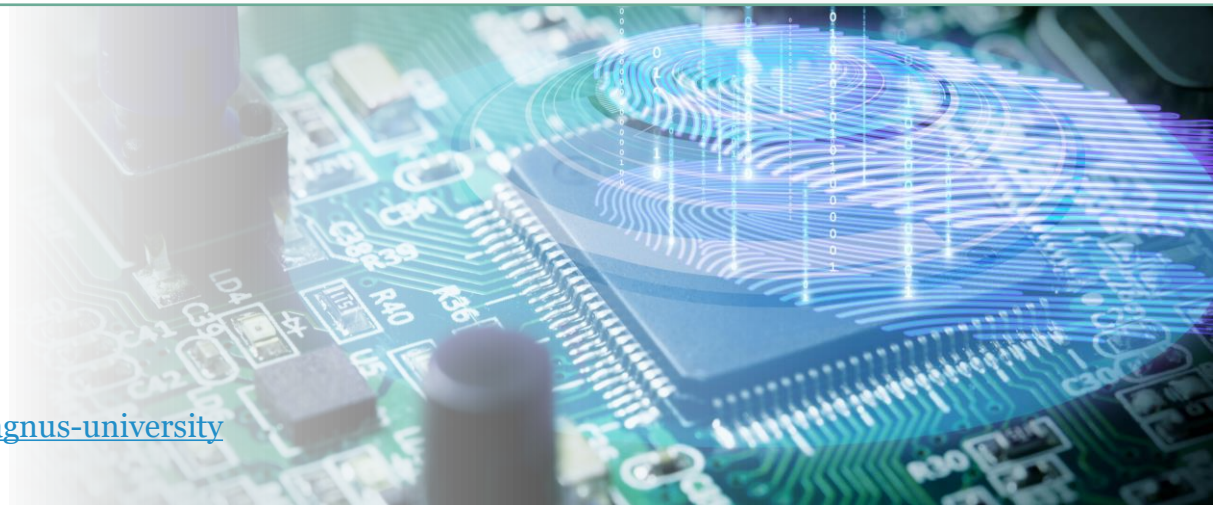
IOP

scite_

AI for Research



<https://scite.ai/enterprise/vytautas-magnus-university>





Primo Research Assistant **BETA**



[Start a new topic](#)

Research history

After you ask a question, your research history will be displayed here.



Primo Research Assistant **BETA**

Ask research questions. Explore relevant research. Discover new connections.

What is your research question...

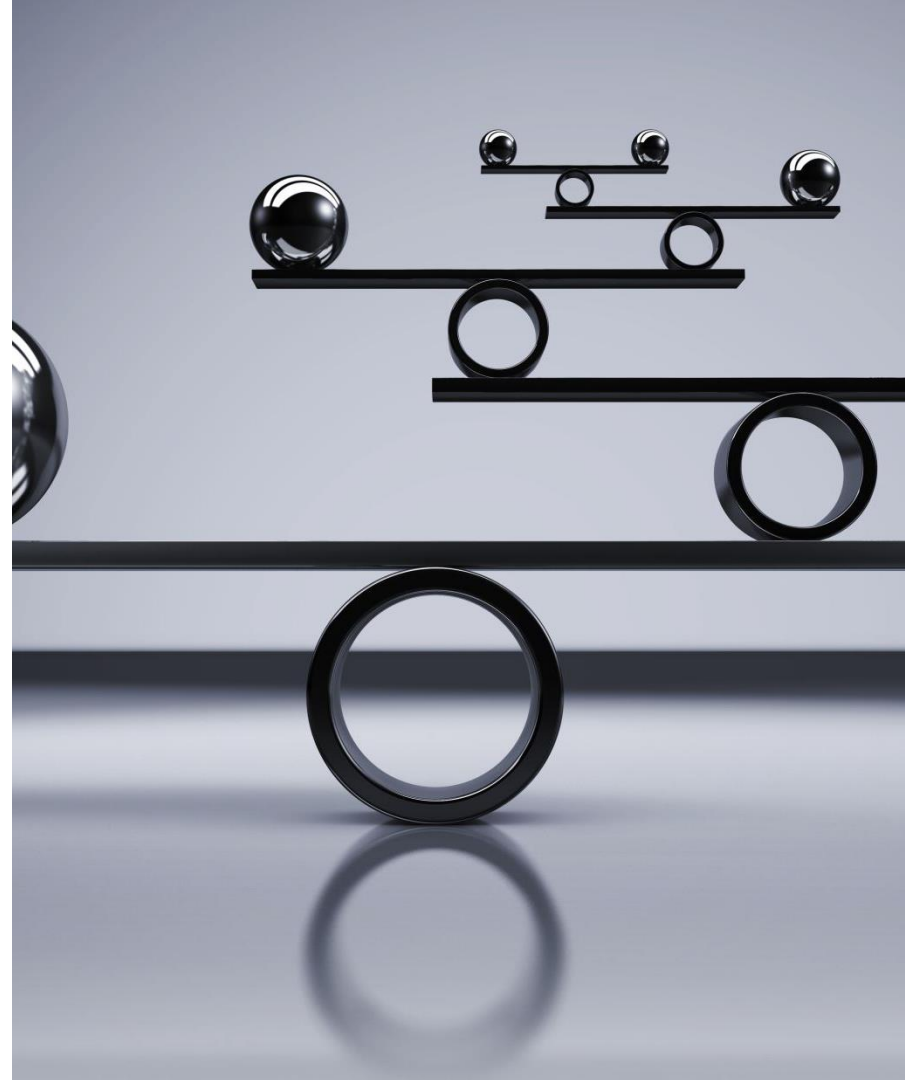
Research Assistant

a tool powered by generative artificial intelligence

https://vdu.primo.exlibrisgroup.com/discovery/login?vid=370LABT_VMU:VDU

Basic principles

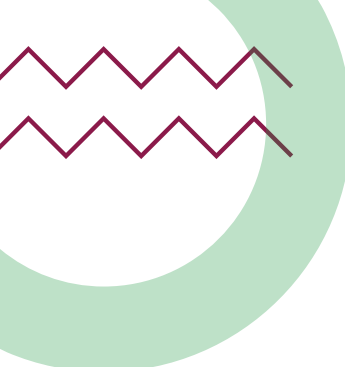
- Transparency
 - Academic integrity
 - Copyright Enforcement
 - Responsibility
-



The general rules

- The introduction, text, or appendices must clearly state the use of AI tools in a paper.
- The AI usage statement must include: name and version of AI tool used, e.g. ChatGPT version 4;
- The company that developed the AI tool, such as OpenAI;
- The web address of the AI tool, e.g. <https://openai.com/chatgpt/>;
- A short description of how the tool was used.

<https://biblioteka.vdu.lt/using-generative-artificial-intelligence-tools-in-academic-writing/>



Artificial intelligence: the pros...

- **Personalized Learning**
- **24/7 Access to Resources**
- **Increased Engagement**
- **Data-Driven Insights**



Using AI in the study process can offer numerous benefits, but it also comes with some challenges. Here are the key pros and cons: ..." (Source: Conversation with AI assistant, January 9, 2025)





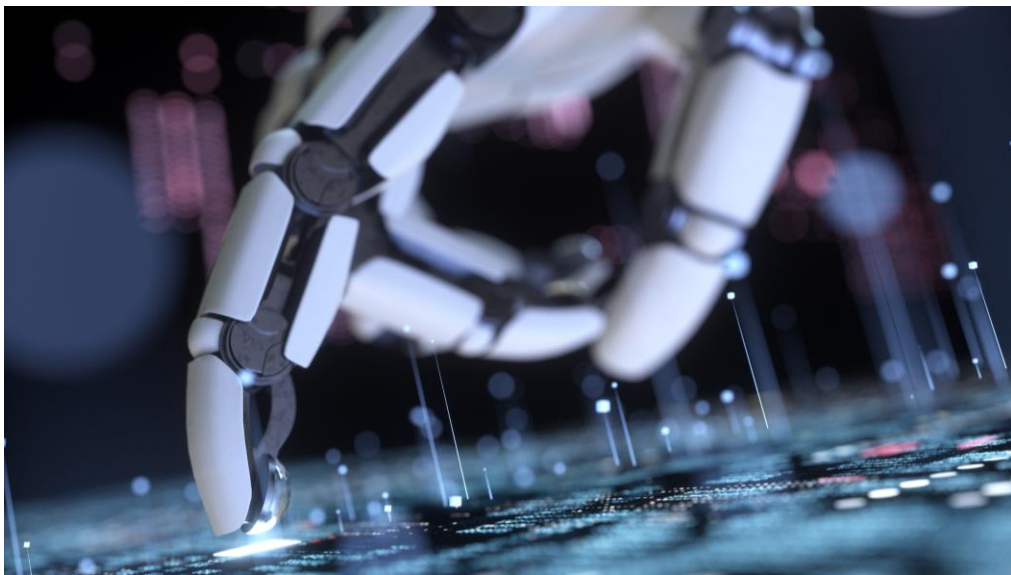
... and cons

- **Uncertain Credibility**
- **Privacy Concerns**
- **Accessibility Issues**
- **Lack of Human Interaction**
- **Addiction to Technology**



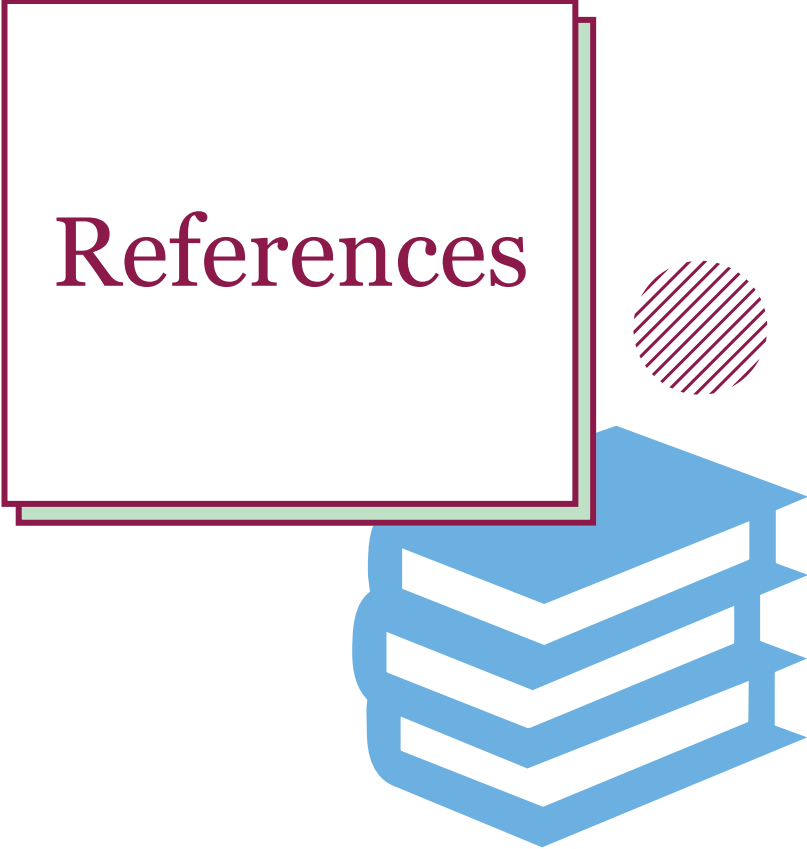
Using AI in the study process can offer numerous benefits, but it also comes with some challenges. Here are the key pros and cons: ..." (Source: Conversation with AI assistant, January 9, 2025)





It's all about integrity and responsibility!





References

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Thank you!

daiva.steponaviciene@vdu.lt

info.biblioteka@vdu.lt

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