Democratising trustworthy and factual **large language model technology for Europe**

The TrustLLM project will develop trustworthy European large language models (LLMs) that will cover a range of underrepresented languages.

The main objective for TrustLLM is the development of an open, trustworthy and factual LLM, initially targeting the Germanic languages. This will create the foundation for an advanced open ecosystem for next generation modular and extensible European trustworthy, sustainable, and democratised LLMs. The focus on Germanic languages can serve as a blueprint for future activities in other families of languages.

The TrustLLM project and the surrounding ecosystem will enable, support, and improve context-aware human-machine interaction in a wide range of applications.

Unique expertise and practical experience
The consortium has unique expertise and practical experience in building LLMs, combined with leading NLP researchers, as well as organizations, working on transfering the technology to companies and end-users.

TrustLLM

Use case examples:

BijsluiterBot for medicine usage

Medicine users often have difficulties understanding the medical description provided with the medicine. Due to rising globalisation and immigration, many patients could also have trouble with the host country language.

The creation of a chatbot could support users with an additional pathway to get a better understanding of the medicine they are using.

This use-case can also be used to evaluate the multi-lingual capacity of the models for usage in the medical domain.

BookBot

Literacy amongst the youth is declining at a rapid rate. When younger students develop delayed reading capabilities, the effects are magnified, as higher education is often ill-equipped to educate basic reading skills.

A Dutch initiative has surveyed students regarding their interest in reading. They found that students were open to read books in topics they were interested in, but they often had trouble finding interesting books.

Students found current search engines lacking and often asked questions previous search engines had difficulty answering. Moreover, the surveys showed that some students were more open to reading following a discussion and recommendation of books to read.
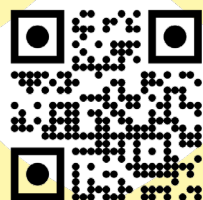
This initiative led to a collaboration between several libraries covering an area of more than 1 million civilians. The initiative focuses on leveraging advances in generative AI to build a chatbot which students can converse with to identify interesting books to read.

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Read more at TrustLLM.EU

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