

What is OpenGPT-X?



OpenGPT-X – Large AI Language Model for european business solutions

Goal: Development and training of large AI language models to innovate language application services for the European economy and public institutions. They are intended to enable cost-effective and uncomplicated new business models and language-based services / processes.

Innovation: These language models are focused on being easily adaptable, particularly for less common language communities. Data storage and processing can be guaranteed according to the highest European standards.

OpenGPT-X develops **exemplary use cases** for large AI language models:

- a) Research in media archives of broadcasting corporations
- b) Digital Car Expert - AI voice dialogue system for answering questions about the product range of an automobile manufacturer
- c) Document analysis for car accident claims processing



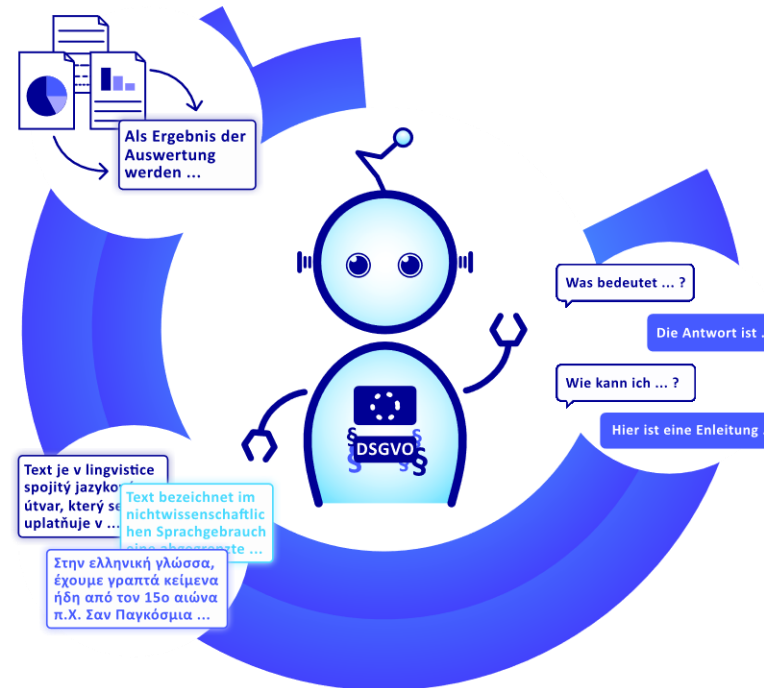
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Use Case: Automated document analysis



In automated document analysis, the language model evaluates the data of certain documents for automotive insurance.

The model extracts data such as the first registration date of a vehicle from scanned documents like cost estimates, expert reports, invoices, or other forms.



Claims can be processed much faster this way and with higher legal certainty. Processing times and costs are significantly reduced.

The model processes not only text-based data but also image files. Additionally, the model is trained to answer questions that require a deeper understanding of text.



Further Use Cases

Digital Car expert – Development of knowledge-based conversational interfaces to answer questions from prospective buyers and provide advice on the product range.

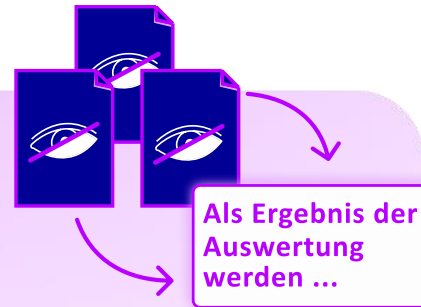
Media research with search assistance "powered by Generative AI" for editors and journalists.

OpenGPT-X fulfills european standards



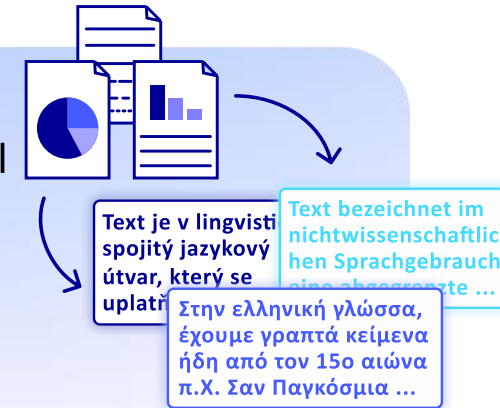
Situation without OpenGPT-X

- Large AI language models (LLMs) are inadequately designed for the cultural and linguistic diversity of Europe and require intensive efforts to adapt.
- The currently available LLMs process their data (mostly) outside of Europe and do not meet the legal / regulatory requirements of the EU.
- Commercial use is often very expensive for individualised purposes.



Solutions with OpenGPT-X

- The intended model takes the cultural and linguistic diversity of Europe into account and can be adapted with comparatively low personnel and financial effort.
- The OpenGPT-X language model is developed in Europe, and applications are hosted in Europe as well. It complies with the legal / regulatory requirements of the EU.
- Delivery of the language model as open source.



OpenGPT-X – data protection compliant language models according to European standards