

# LLM Apps

How big are LLMs?

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- A typical person reads between 0 and 700 books in their lifetime.
- A book has 80,000 words (110,000 tokens).
- ChatGPT has been trained with the text equivalent to 10 million books.
  - 800,000,000,000 words
  - 1,100,000,000,000 tokens
- Technically, LLMs have been made possible thanks to Deep Learning, Neural Networks, Transformers, and GPUs.

# How accurate are LLMs?

- The accuracy of LLMs depends on:
  - The quality of the data it has been trained on.
  - The amount of data it has been trained on.

# How expensive are LLMs?

- The CEO of OpenAI has stated that training chatGPT-4 cost more than 100 million dollars.