## LLM Apps

The Universalization of Al

## Phases of Artificial Intelligence

- Machine Learning.
- Internet >>> Data Science, Big Data.
- Internet + Neural Networks + GPUs >>> Deep Learning
- Data, Images.
- ...
- Language. Transformers.
  - Generative AI.
  - Github CoPilot, ChatGPT, Midjourney.
  - LLM Applications: the beginning of Al universalization.

## The Universalization of Al

- Before the launch of chatGPT, Al applications focused on solutions based mainly on data (supervised learning), and some on images (computer vision): recommendation systems, predictive analysis, image classification, etc.
- The launch of chatGPT in November 2022 highlighted the potential of language-based AI applications (LLM applications) in practically all activities, thus beginning what we might call the era of "the universalization of AI."

## LLM Applications, at the Heart of the Revolution

- Just as all human activities originate from thought, LLM applications have the
  potential to become the origin of all AI activities, whether they are based
  exclusively on language solutions, on multimodal solutions (language plus
  images, videos, etc.) or on hybrid solutions (AI + traditional software).
- For this reason, we can say that learning to develop LLM applications will put you in the most valuable position in the Al market.