

coursera



Week 1 resources

Below you'll find links to the research papers discussed in this weeks videos. You don't need to understand all the technical details discussed in these papers - you have already seen the most important points you'll need to answer the quizzes in the lecture videos.

However, if you'd like to take a closer look at the original research, you can read the papers and articles via the links below.

Generative AI Lifecycle

• <u>Generative AI on AWS: Building Context-Aware, Multimodal Reasoning Applications</u> ☐ - This O'Reilly book dives deep into all phases of the generative AI lifecycle including model selection, finetuning, adapting, evaluation, deployment, and runtime optimizations.

Transformer Architecture

- **Attention is All You Need** ☐ This paper introduced the Transformer architecture, with the core "self-attention" mechanism. This article was the foundation for LLMs.

Pre-training and scaling laws