

AI Immersion: A Developer's Holiday Study Guide (One Week) - Resource Library

Learning Resources

Day 1 Learning Resource

Most known LLM applications:

- <https://chatgpt.com/>
- <https://claude.ai/>
- <https://aistudio.google.com/>
- <https://gemini.google.com/>

Learning resources:

- <https://developers.google.com/machine-learning/resources/intro-llms>
- https://www.cloudskillsboost.google/course_templates/539/quizzes/518196
- <https://www.coursera.org/learn/machine-learning>

Platforms(choose one to work with over the course):

- <https://colab.google/>
- <https://idx.dev/>
- <https://github.com/codespaces>

Experimenting with basic prompts on a free online LLM demo (e.g., <https://chat.openai.com>, or <https://gemini.google.com/app>). <https://aistudio.google.com/>

- Fullstack Deep Learning - <https://fullstackdeeplearning.com/llm-bootcamp/spring-2023/llm-foundations/>

Day 2 Learning Resource

Run Ollama in Google Collab: Tutorial [video](#)

"Run Llama 2 Locally With Ollama" tutorial from Towards Data Science:
<https://ollama.com/blog/how-to-prompt-code-llama> (Focus on the practical steps of installing and using)

Day 3 Learning Resource

"Getting Started with Amazon Bedrock" from Amazon Web Services.
<https://aws.amazon.com/getting-started/hands-on/get-started-with-amazon-bedrock/>
(Focus on the initial setup and API access part)

Anthropic Claude API documentation
<https://docs.anthropic.com/claude/docs/api/introduction> will come in handy.

Day 4 Learning Resource

"Intro to Google AI Studio and Gemini API" from Google Cloud Skills Boost:
<https://www.cloudskillsboost.google/paths/118>

Focus on the Gemini parts (Kaggle) - <https://www.kaggle.com/learn-guide/5-day-genai>

<https://ai.google.dev/gemini-api/docs>

Day 5 Learning Resource

<https://platform.openai.com/docs/assistants/overview>

<https://platform.openai.com/docs/api-reference/introduction>

Day 6 Learning Resource

"A Beginner's Guide to Prompt Engineering" from Cohere:
<https://cohere.com/blog/how-to-train-your-pet-llm-prompt-engineering>

Introduction to prompt engineering - <https://www.promptingguide.ai/introduction>

Advanced prompt engineering techniques guide -
<https://www.promptingguide.ai/techniques>

Crafting Effective Prompts - <https://docs.cohere.com/docs/crafting-effective-prompts>

Prompt Engineering Guide - OpenAI:

<https://platform.openai.com/docs/guides/prompt-engineering>