Introduction to OpenAI and GitHub for End User

Course Duration: 1 Day (08 hours)

Module 01: Introduction to OpenAI
- What is the OpenAI API and what can it do?
- How does OpenAI protect user data?

Module 02: GPT Models
- What are GPT models and how do they work?
- What are some examples of tasks that can be done with GPT models?
- How to design prompts for GPT models?
- What are the limitations of GPT models?

Module 03: Embeddings Models
- What are embeddings models and how do they work?
- What are some examples of tasks that can be done with embeddings models?
- How to use embeddings models in the OpenAI API?

Module 04: Tokens and Tokenizers

- What are tokens and tokenizers and why are they important?
- How to use the tokenizer tool to test strings?1
- How to estimate the number of tokens for a given text?

Module 05: Introduction to GitHub
- What is GitHub and how does it work?
- How to connect to GitHub using SSH?
- How to create and manage a repository on GitHub?

Module 06: Formatting and Markdown
- What is Markdown and how to use it on GitHub?
- How to create sophisticated formatting for your prose and code on GitHub?

Module 07: Pull Requests
- What are pull requests and how to use them on GitHub?
- How to discuss and review changes with collaborators on GitHub?
- How to merge changes into the base branch on GitHub?

Module 08: Security Features
- What are some security features on GitHub and how to use them?
- How to protect your account and data with two-factor authentication, SSH, and commit signature verification on GitHub?

Module 09: Importing Code
- What are some ways to import code to GitHub from your local computer?
- How to use GitHub CLI or Git commands to import code to GitHub?