GPT Mastery: A Comprehensive Guide To Crafting Your Own ChatGPT

Week 1

1.)Python Programming (Optional)

For those who are not familiar with Object-Oriented Programming (OOP) in Python, I recommend watching the following videos. These videos will help you brush up on your Python programming skills, focusing specifically on OOP concepts. If you already have a good understanding of OOP in Python, you may skip this section.

- ▶ Python OOP Tutorial 1: Classes and Instances
- ▶ Python OOP Tutorial 2: Class Variables
- ▶ Python OOP Tutorial 3: classmethods and staticmethods
- ▶ Python OOP Tutorial 4: Inheritance - Creating Subclasses
- ▶ Python OOP Tutorial 5: Special (Magic/Dunder) Methods
- ▶ Python OOP Tutorial 6: Property Decorators - Getters, Setters, and Deleters

2.) Neural Networks (Mandatory)

It is essential to watch the following videos as they are a core part of this week's curriculum. These videos provide an in-depth understanding of building neural networks from scratch without using any external libraries. By the end of these lessons, you will have a clear insight into the workings of neural networks and how to optimize them effectively.

Youtube: ▶ The spelled-out intro to neural networks and backpropagation: building …

Github:https://github.com/karpathy/nn-zero-to-hero/blob/master/lectures/makemore/makemore_part1_bigrams.ipynb

Please ensure you watch these videos thoroughly, as they are crucial for your progress in the project.