


# **GPT Mastery: A Comprehensive Guide To Crafting Your Own ChatGPT**

## **Week 5**

### **1.) Let's build GPT: from scratch, in code, spelled out.**

In this video, we explore the process of building a Generatively Pretrained Transformer (GPT), inspired by the seminal paper "Attention is All You Need" and the developments of OpenAI's GPT-2 and GPT-3. We'll delve into the connections with ChatGPT, which has revolutionized conversational AI. Additionally, we'll observe how GitHub Copilot, an AI-powered coding assistant built on GPT, aids us in creating our own GPT model (a meta experience!).

For those new to autoregressive language modeling and the fundamentals of tensors and PyTorch nn, I recommend watching the earlier makemore videos. These will help you get comfortable with the essential concepts and frameworks we'll be utilizing and building upon in this tutorial.

**Youtube:**  Let's build GPT: from scratch, in code, spelled out.

**Github:** <https://github.com/karpathy/makemore>