



## The Ultimate Guide To OpenAI GPT-3 & Fine Tune with Custom Data

### **Description:**

Generative Pre-trained Transformer 3 (GPT-3; stylized GPT-3) is an autoregressive language model that uses deep learning to produce human-like text. Given an initial text as prompt, it will produce text that continues the prompt. The architecture is a standard transformer network (with a few engineering tweaks) with the unprecedented size of 2048-token-long context and 175 billion parameters (requiring 800 GB of storage). The training method is "generative pretraining", meaning that it is trained to predict what the next token is. The model demonstrated strong few-shot learning on many text-based tasks.

**Start Date:** 3rd Jan'23

**Doubt Clear Time:**

**Course Time:** Flexible

**Features:**

- # Do Everything In Industry Grade Lab
- # Learn As Per Your Timeline
- # Hands-On Industry Real-Time Projects.
- # Self Paced Learning
- # Dashboard Access
- # Course Materials
- # Assignments

### **What we learn:**

- # Real Time Projects
- # OpenAI GPT-3 & Fine Tune with Custom data
- # What is GPT-3?
- # Demo: Build a paraphraser, Chatbot, Summarization
- # OpenAI playground to develop prompts.
- # Understand various engines and GPT-3 prompt parameters.
- # Create novel datasets with GPT-3 and Streamlit UI.
- # Zero-shot and few-shot prompts.
- # Fine tuning GPT3

### **Requirements:**

- # System with minimum i3 processor or better
- # At least 4 GB of RAM
- # Working internet connection
- # Dedication to learn

### **Instructor:**

### **Name:**

Boktiar Ahmed Bappy

## **Description:**

This is Bappy. I aim for simplicity in Data Science. Real Creativity won't make things more complex. Instead, I will simplify them, Interested in a Data Science Career and so develop myself accordingly. Data Scientist and lecturer with working experience in Machine Learning, Deep Learning, Microcontrollers and Electronics systems. Hands-on experience in classification, regression, clustering, computer vision, natural language processing and transfer learning models to solve challenging business problems. I have a huge interest in Robotics. I have innovated a lot of innovations, ideas, projects & robots and got a lot of achievements.

## **>Welcome to the Course:**

>>Course Overview

>>Dashboard Introduction

## **>Project :- The Ultimate Guide To OpenAI GPT-3 & Fine Tune with Custom Data:**

>>What is GPT-3?

>>Demo: Build a paraphraser, Chatbot, Summarization

>>OpenAI playground to develop prompts.

>>Understand various engines/models and GPT-3 prompt parameters.

>>Create novel datasets with GPT-3 and Streamlit UI.

>>Zero-shot and few-shot prompts.

>>Fine tuning GPT3

>>Conclude the project

>>Assignments & External Resources