

```
requirement.txt  apy.py  apy.py1.py  another_copy_ofUntitled8.py  GGML model.py  llama-2-7b-chat.ggmlv3.q8_0.bin  Untitled-1  ...
apy.py1.py > getLlamaResponse
1 import streamlit as st
2 from langchain.prompts import PromptTemplate
3 from langchain.llms import CTransformers
4
5 def getLlamaResponse(input_text):
6     llm=CTransformers(model='gpt2_ggml_model llama-2-7b-chat.ggmlv3.q8_0.bin',
7                       model_type='llama',
8                       config={'max_new_tokens': 512,
9                               'temperature': 0.01})
9
10
11
12     template="""
13         Question: {input_text}
14         Answer:
15         """
16
17     prompt=PromptTemplate(input_variables=["input_text"],
18                           template=template)
19
20     response=llm(prompt.format(input_text=input_text))
21     print(response)
22     return response
23
24 st.set_page_config(page_title="Question Answer Generator",
```



Deploy

what is machine learning and its type.

Get Answer

Machine learning is a subset of artificial intelligence (AI) that involves the use of algorithms and statistical models to enable machines to learn from data, make decisions, and improve their performance on a specific task over time without being explicitly programmed. There are several types of machine learning, including supervised learning, unsupervised learning, and reinforcement learning.

Supervised learning involves training a machine learning algorithm on labeled data, where the correct output is already known. The algorithm learns to predict the correct output for new, unseen data by making predictions on the labeled training data and adjusting its parameters based on the accuracy of those predictions. Common applications of supervised learning include image classification, speech recognition, and sentiment analysis.

Unsupervised learning involves training a machine learning algorithm on unlabeled data, where there is no correct output provided. The algorithm learns patterns and relationships in the data and groups similar examples together without any prior knowledge or guidance. Common applications of unsupervised learning include clustering, dimensionality reduction, and anomaly detection.

Reinforcement learning involves training a machine learning algorithm to make decisions based on feedback from an environment. The algorithm learns to make decisions that maximize a reward signal by trial and error, with the goal of optimizing its performance over time. Common applications of reinforcement learning include robotics, game playing, and autonomous driving.

Deep learning is a subfield of machine learning that focuses on neural networks with multiple layers, which are capable of learning complex patterns in data. Deep learning algorithms have been particularly successful in image recognition tasks, natural language processing, and speech recognition.

copy of gpt2.ggml.2

File Edit View Insert Runtime Tools Help All changes saved

+ Code + Text

✓ 3m Fetching 1 files: 100% 1/1 [02:47<00:00, 167.5] llama-2-7b-chat.ggmlv3.q8_0.bin: 100% 7.16G/7.16G [02:47<00:00, 49.6MB/s]
Model copied successfully to ./gpt2_ggml_model/llama-2-7b-chat.ggmlv3.q8_0.bin

✓ 0s [22] def ask_question(prompt):
 response = llm(prompt)
 return response

✓ 4m prompt = "What should be the daily schedule for AI developers?"
response = ask_question(prompt)
print("Model response:", response)

Model response:
- Daily routine for AI developers:

As an AI developer, your daily routine can involve a mix of coding, experimentation, and problem-solving. Here :

1. Morning routine (8:00 am - 9:00 am):
 - * Start the day by checking emails and responding to any urgent messages.
 - * Review the day's agenda, prioritize tasks, and make a to-do list.
 - * Take a short break (15-30 minutes) to stretch, meditate, or exercise.
2. Code review and debugging (9:00 am - 12:00 pm):
 - * Spend time reviewing and debugging code written by team members.
 - * Provide constructive feedback and suggestions for improvement.
 - * Work on fixing bugs and improving the overall quality of the codebase.
3. Model development (1:00 pm - 3:00 pm):
 - * Work on developing new AI models or fine-tuning existing ones.
 - * Experiment with different techniques, algorithms, and architectures

✓ 4m 11s completed at 10:57 AM

Type here to search

lab
st:8504

Question Answer Generator 🤖

Enter your question

how to become a Gen AI developer

Get Answer

1. Learn the basics of programming and machine learning 2. Familiarize yourself with popular deep learning frameworks such as TensorFlow, PyTorch, or Keras 3. Practice building and training simple neural networks 4. Experiment with different types of neural networks, such as convolutional neural networks (CNNs) and recurrent neural networks (RNNs) 5. Learn about advanced topics in deep learning, such as transfer learning, generative adversarial networks (GANs), and reinforcement learning 6. Join online communities or forums to learn from other developers and get feedback on your projects 7. Read books or take courses on deep learning and AI to gain a deeper understanding of the subject matter 8. Participate in hackathons, competitions, or research projects to apply your knowledge and skills in real-world scenarios 9. Network with other developers and industry professionals to learn about new developments and opportunities in the field 10. Stay up-to-date with the latest research and breakthroughs in AI and deep learning by reading academic papers, attending conferences, or following industry leaders on social media.

arch

The image shows a VS Code editor window with a Python script and a list of resources. The script, named `apy.py`, is a Streamlit application that uses the Langchain library to interact with a local llama2 model. The script defines a function `getllamaresponse` that takes an input text and returns a response from the model. The model is loaded using `CTransformers` with the path `./gpt2_ggml_model/llama-2-7b-chat.bin`. The script also sets the page title to "Question Answer Generator".

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```

Below the script, there is a list of resources for learning deep learning and AI:

1. Familiarize yourself with popular deep learning frameworks such as TensorFlow, PyTorch, or Keras
2. Practice building and training simple neural networks
3. Experiment with different types of neural networks, such as convolutional neural networks (CNNs) and recurrent neural networks (RNNs)
4. Learn about advanced topics in deep learning, such as transfer learning, generative adversarial networks (GANs), and reinforcement learning
5. Join online communities or forums to learn from other developers and get feedback on your projects
6. Read books or take courses on deep learning and AI to gain a deeper understanding of the subject matter
7. Participate in hackathons, competitions, or research projects to apply your knowledge and skills in real-world scenarios
8. Network with other developers and industry professionals to learn about new developments and opportunities in the field
9. Stay up-to-date with the latest research and breakthroughs in AI and deep learning by reading academic papers, attending conferences, or following industry leaders on social media.

These results are by checked my model (./gpt2_ggml_model/llama-2-7b-chat.bin') is working or not . By importing Langchain model