Homework4:

Code:

```
{} data.json
Fine turning > fine tuning practice4.py > ...
                  import os
import cohere
import numpy as np
                   from annoy import AnnoyIndex
from dotenv import load_dotenv, find_dotenv
                       = load doteny(find doteny())
                   Three key steps of career growth are learning (to gain technical and other skills), working on projects (to deepen skills, build a portfolio, and create impact) and searching for a job. These st
                 AI is nascent, and many technologies are still evolving. While the foundations of machine learning and deep learning are maturing — and coursework is an efficient way to master them — beyond the Project work often means working with stakeholders who lack expertise in AI. This can make it challenging to find a suitable project, estimate the project stimate and return on investment, an While searching for a job in AI can be stailar to searching for a job in other sectors, there are some differences. Many companies are still trying to figure out which AI skills they need and ho Throughout these steps, a supportive community is a big help. Having a group of friends and allies who can help you — and whom you strive to help — makes the path easier. This is true whether yo
                  Foundational machine learning skills. For example, it is important to understand models such as linear regression, logistic regression, neural networks, decision trees, clustering, and anomaly det Deep learning. This has become such a large fraction of machine learning that it is and to excel in the field without some understanding of it! It is valuable to know the basics of neural networks Math relevant to machine learning. Key areas include linear algebra (vectors, matrices, and various manipulations of them) as well as probability and statistics (including discrete and continuous Software development. While you can get a job and make huge contributions with only machine learning modeling skills, your job opportunities will increase if you can also write good software to:
This is a lot to learn! Even after you master everything in this list, I hope you! I keep learning and continue to deepen your technical knowledge. I would be known many machine learning engineers who
                 Join existing projects. If you find someone else with an idea, ask to join their project.

Keep reading and talking to people. I come up with new ideas whenever I spend a lot of time reading, taking courses, or talking with domain experts. If more considered that you will, too.

Focus on an application area. Many researchers are trying to advance basic AI technology — say, by inventing the next generation of transformers or further scaling up language models — so, while

Develop a side hustle. Even if you have a full-time job, a fun project that may or may not develop into something bigger can stir the creative juices and strengthen bonds with collaborators. Whe
                 Will the project help you grow technically? Ideally, it should be challenging enough to stretch your skills but not so hard that you have little chance of success. This will put you on a path to Do you have good teammates to work with? If not, are there people you can discuss things with? We learn a lot from the people around us, and good collaborators will have a huge impact on your gr can it be a stepping stone? If the project is successful, will its technical complexity and/or business impact make it a meaningful stepping stone to larger projects? (If the project is bigger t finally, avoid analysis paralysis. It doesney each open a month deciding whether to work on a project that would take a week to complete. You'll work on multiple projects over the cour
                  # Step 1.2: Clean up to remove empty spaces and new lines
texts = np.array([t.strip(' \n') for t in texts if t])
                 # Step 2.1: Chunking: Get the embeddings (vectors) fr
response = co.embed(texts=texts.tolist()).embeddings
                   embeds = np.array(response)
search_index = AnnoyIndex(embeds.shape[1], 'angular')
                   # Step 2.3: Add all the vectors to the search index
for i in range(len(embeds)):
    search_index.add_item(i, embeds[i])
                   # Step 3: Searching Articles
def search_andrews_article(query):
```

```
# Test Case 1

# Test Case 1

# Test Case 1

# Test Case 1

# Test Case 2

# Test Case 3

# Test
```

Output:

default model on embed will be deprecated in the future, please specify a model in the request.

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I'm confident that you will, too.

Focus on an application area. Many researchers are trying to advance basic AI technology — say, by inventing the next generation of transformers or f urther scaling up language models — so, while this is an exciting direction, it is hard. But the variety of applications to which machine learning has not yet been applied is vast! I'm fortunate to have been able to apply neural networks to everything from autonomous helicopter flight to online ad vertising, partly because I jumped in when relatively few people were working on those applications. If your company or school cares about a particul ar application, explore the possibilities for machine learning. That can give you a first look at a potentially creative application — one where you can do unique work — that no one else has done yet.

Develop a side hustle. Even if you have a full-time job, a fun project that may or may not develop into something bigger can stir the creative juices and strengthen bonds with collaborators. When I was a full-time professor, working on online education wasn't part of my "job" (which was doing rese arch and teaching classes). It was a fun hobby that I often worked on out of passion for education. My early experiences recording videos at home hel ped me later in working on online education in a more substantive ways. Silicon Valley abounds with stories of startups that started as side projects. So long as it doesn't create a conflict with your employer, these projects can be a stepping stone to something significant.

Silicon a few project ideas, which one should you

Yes, side projects are a great idea when trying to build a career in AI as it allows you to strengthen your skills and knowledge through application and practical experience. That can provide a significant advantage and enable you to make unique contributions in the field of AI. It also helps in building bonds with collaborators and can serve as a stepping stone to something significant.

Yes, side projects are a good idea when trying to build a career in AI as it allows you to strengthen your skills and knowledge in the field. It als a allows you to work on a fun project that could potentially turn into something bigger.

default model on embed will be deprecated in the future, please specify a model in the request.

The answer to the question "What is the most viewed televised event?" is not available in the provided text.

I can provide answers to any other questions you may have regarding the career prospects of AI.

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I can provide answers to any other questions you may have regarding the career implications of artificial intelligence, or any other topics of interest.

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If you're interested, I can provide an answer based on my knowledge, but as a large language model, I don't have access to real-time information unle ss you specifically request it.

The answer to the question "What is the most viewed televised event?" is not available in the provided text.