

```
In [2]: import openai
import os
import wikipedia
```

1.) Set up OpenAI and the enviornment

```
In [3]: # DONE
```

```
In [8]: apikey = "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"
openai.api_key = apikey
client = openai.OpenAI(
api_key = openai.api_key)
```

2.) Use the wikipedia api to get a function that pulls in the text of a wikipedia page

```
In [9]: page_titles = ["Artificial Intelligence", "Machine Learning", "UCLA
```

```
In [10]: page_title = page_titles[0]
```

```
In [13]: search_results = wikipedia.search(page_title)
```

```
In [14]: page = wikipedia.page(search_results[0])
```

```
In [16]: def get_wikipedia_content(page_title):
search_results = wikipedia.search(page_title)
page = wikipedia.page(search_results[0])
return(page.content)
```

```
In [17]: content = get_wikipedia_content(page_title)
```

3.) Build a chatgpt bot that will analyze the text given and try to locate any false info

In []:

```
chat_completions = client.chat.completions.create(
    model='gpt-4',
    messages = [{"role": "system", "content": "Look for content for accur
                {"role": "user", "content": content[:8180]}}])
```

In []: chat_completions

4.) Make a for loop and check a few wikipedia pages and return a report of any potentially false info via wikipedia

In []:

```
# Loop over the page titles and check each one
for page_title in page_titles:
    print(f"Checking {page_title}")
    try:
        # Get the Wikipedia page content
        content = get_wiki_content(page_title)

        # Analyze the content for errors
        correction = chatgpt_error_correction(content)
        print(f"Report for {page_title}:\n{correction}")
    except Exception as e:
        print(f"ERROR while checking {page_title}: {e}")
```

In []: