

```
In [1]: import openai
import os
import wikipedia
```

## 1.) Set up OpenAI and the environment

```
In [2]: # DONE
api_key = "sk-L4RbJzvKWmWqZkQapHgct3B1bkfJnRlqZXD1My4k3K4hTdBy"
```

```
In [3]: openai.api_key = api_key
```

```
In [4]: 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 [5]: page_titles = ['Artificial Intelligence', 'UCLA']
```

```
In [6]: def get_wikipedia_content(page_title):
    search_results = wikipedia.search(page_titles)
    page = wikipedia.page(search_results[0])
    return(page.content)
content = get_wikipedia_content(page_titles)
```

```
In [ ]:
```

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

```
In [7]: def chatgpt_error_correction(text):
    chat_completions = client.chat.completions.create(
        model = "gpt-3.5-turbo",
        messages = [
            {"role": "system", "content": "I am looking for false information. I"},
            {"role": "user", "content": content[:8180]}]
    )
    print(chat_completions.choices[0].message.content)
```

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

```
In [8]: page_titles = ['Artificial Intelligence', 'UCLA', 'Rain']
```

```
In [9]: for page_title in page_titles:
        try:
            print("_____"+page_title)
            content = get_wikipedia_content(page_title)
            chatgpt_error_correction(content)
        except:
            print("ERROR")
```

\_\_\_\_\_Artificial Intelligence  
The information provided about the history of trains, their evolution from wheeled wagons, the introduction of steam locomotives, the spread of railroads across different continents, the development of alternative methods of powering trains, and the impact of World War II on railroads is accurate and informative.

\_\_\_\_\_UCLA  
The information you provided appears to be mostly accurate and factual.

\_\_\_\_\_Rain  
The information provided seems to be accurate and detailed, mentioning the history, technology advancements, and global impact of trains. If there are any specific details you would like me to fact-check or if there are any particular aspects you think may be false, please let me know.

```
In [ ]:
```