

```
In [26]: import openai
import os
import wikipedia
```

1.) Set up OpenAI and the enviornment

```
In [27]: apikey = "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"
```

```
In [28]: openai.api_key = apikey
```

```
In [29]: 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 [30]: def get_wikipedia_content(page_title):
    search_results = wikipedia.search(page_title)
    page = wikipedia.page(search_results[0])
    return(page.content)
```

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

```
In [31]: def chatgpt_error_correction(wiki_content):
    chat_completion = client.chat.completions.create(
        model="gpt-3.5-turbo", # Correct model ID
        messages=[
            {"role": "system", "content": "I will be giving you an article and let me know if anything is potentially false. Go with a fine tooth comb"},
            {"role": "user", "content": wiki_content}
        ]
    )
    return chat_completion.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 [32]: page_titles = ["ARTIFICIAL INTELLIGENCE", "UCLA"]
page_title = page_titles[0]
text = get_wikipedia_content(page_title)
print(chatgpt_error_correction(text[:8192]))
```

One potential issue in the article is the statement that Alan Turing was the first person to conduct substantial research in the field he called machine intelligence. While Turing did make significant contributions to the field of computing and artificial intelligence, he was not the first person to conduct research in this area. Researchers like Warren McCulloch and Walter Pitts, John von Neumann, and others had made foundational contributions to the theoretical basis of artificial intelligence before Turing.

```
In [33]: def split_text(text, chunk_size = 8180):
chunks = len(text)//8180 + 1
return([text[i*chunk_size:(i+1)*chunk_size] for i in range(0, chunks-1)])
```

```
In [34]: len(split_text(text)[0])
```

```
Out[34]: 8180
```

```
In [35]: for page_title in page_titles:
print("_____", page_title)
try:
text = get_wikipedia_content(page_title)
print(chatgpt_error_correction(text[:8192]))
except:
print("error")
```

_____ ARTIFICIAL INTELLIGENCE

The article appears to be generally accurate and comprehensive in its coverage of artificial intelligence (AI) and its sub-fields. However, I did notice a couple of minor potential errors or improvements:

1. In the introduction, it is mentioned that Alan Turing was the first person to conduct substantial research in the field of machine intelligence. While Turing made significant contributions to the field, it is worth noting that there were other pioneering researchers and mathematicians who also made contributions to the development of AI, such as John McCarthy, Marvin Minsky, and Herbert Simon.
2. The section on "Learning" could provide a more detailed explanation of reinforcement learning, particularly the concept of the agent learning through a trial-and-error process of receiving rewards for good actions and punishments for bad actions. Additionally, the section could mention other types of machine learning, such as semi-supervised learning and transfer learning, to provide a more comprehensive overview of the field.

Overall, the article provides a thorough overview of AI and its sub-fields, with minor points for clarification or expansion in certain areas.

_____ UCLA

The section of the text "Its academic roots were established in 1881 as a normal school then known as the southern branch of the California State Normal School which later evolved into San José State University" contains a potential error. The southern branch of the California State Normal School did not later evolve into San José State University. San José State University was founded as Minns' Evening Normal School in 1857 and later became the first permanent campus of the California State Normal School system in 1862. It was officially renamed San José State University in 1974. The southern branch of the California State Normal School evolved into the University of California, Los Angeles (UCLA).

