

# gpt4.py

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Given a url, returns the GPT answers

```
:param url: the prompt to GPT
:type: str
:rtype: list
:return: list of QA's
```

```
import openai
from dotenv import load_dotenv
import os
```

```
def get_gpt_link_answers(url, c_count):
```

```
    load_dotenv()
    API_KEY = os.environ["API_KEY"]
    openai.api_key = API_KEY
    completion = openai.ChatCompletions.create(
        model="gpt-4",
        messages=[
            {
                "role": "user",
                "content": url +
                "
                Go through this link and Can you create "+str(c_count)+" anki cards on important topics in this? and als
                Generate the anki cards in the following format. I will provide an example below. Make sure to have contain in the br
                "[{'Question': 'What do principal components mean?', 'Answer': 'Principal components "
                "are new variables that are constructed as linear combinations or mixtures of the initial "
                "variables.'}], "
                '{\"Question\": \"What is principal component in PCA?\", \"
                \"Answer\": \"Principal component analysis, or PCA, is a dimensionality reduction method that is \"
                \"often used to reduce the dimensionality of large data sets, by transforming a large set of \"
                \"variables into a smaller one that still contains most of the information in the large set.'}], \"
                '{\"Question\": \"What is the principal component theory?\", \"Answer\": \"PCA is defined as an orthogonal \"
                \"linear transformation that transforms the data to a new coordinate system such that the greatest \"
                \"variance by some scalar projection of the data comes to lie on the first coordinate \"
                \"(called the first principal component), the second greatest variance on the second coordinate, and so on.'}] ] ",
            },
        ],
    )

    return completion.choices[0].message.content
```