

## Simplest GPT API Call

```
from openai import OpenAI  
client = OpenAI(api_key="YOUR_API_KEY")  
response = client.chat.completions.create(  
    model="gpt-4.1-mini",  
    messages=[  
        {"role": "user", "content": "What is an API?"}  
    ]  
)  
print(response.choices[0].message["content"])
```



## tiktoken

- a tokenizer library made by OpenAI.
- In a vectorstore-based chatbot, you need to:
  - ✓ Chunk documents by token count
  - ✓ Limit context tokens passed to the LLM
  - ✓ Ensure retrieved documents fit into the prompt



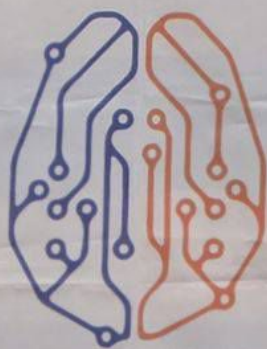


















AI CLUB  
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# I AM AI PROGRAMMER NOT ONLY AI USER

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difference between using AI ...  
AND CREATING IT!*



**DR. BASSAM ETER**

PhD. Computer Science

8 December, 2025



12:00pm - 1:00pm



Auditorium



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