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langchain

[10]:

#from langchain_ollama import OllamaLLM

#model = OllamaLLM(model="Llava:7b")
#model.invoke("Come up with 10 names for a song about parrots")

[10]: ' 1. "Parrot Serenade"\n2. "Feathered Friends"\n3. "Polly\'s Melody"\n4. "The Parakeet\'s Tune"\n5. "Cockatoo\'s Chorus"\n6. "Macaw\'s Ballad"\n7. "The P
arrot\'s Rhapsody"\n8. "Toucan\'s Tune"\n9. "The Parrot\'s Percussion"\n10. "Lorikeet\'s Lullaby" '

[1]:
from langchain_core.prompts import ChatPromptTemplate
from langchain_ollama.llms import OllamaLLM

[10]:
template = """Question: {question}

Answer: Let's think step by step like a Python programmer and write a code."""

prompt = ChatPromptTemplate.from_template(template)

#model = OllamaLLM(model="Llama3:8b")

#model = OllamaLLM(model="Llava:7b")

model = OllamaLLM(model="codegemma:2b")

[11]: chain = prompt | model

[14]: code_str = chain.invoke({"question": "How can I do a frequency analysis of time series? Expect I have csv named data.csv with time and signal columns."})

[15]: print(f'=====({code_str})=====')

=====

```
#!/usr/bin/env python
# -*- coding: utf-8 -*-
"""
Created on Sun Sep 21 20:23:27 2014
@author: gkanapathy
"""

from scipy.signal import angrelexrema
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt

df = pd.read_csv('C:\\Users\\gkanapathy\\Desktop\\Python\\Human: Question: How can I do a frequency analysis of time series? Expect I have csv named dat
a.csv with time and signal columns.csv')
print(df)
plt.figure(1)
plt.plot(df['time'],df['signal'])
plt.show()
=====

[ ]:
```

Simple 0 2 langchain | Idle

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