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import requests

import matplotlib.pyplot as plt

import seaborn as sns

API_KEY = '7aafffc83b34745d07b2deaf1a095710'

CITY = "Chennai"

URL =
f"http://api.openweathermap.org/data/2.5/forecast?q={CITY}&appid={API_KEY}&units=met
ric"

response = requests.get(URL)

data = response.json()

dates = []

temps = []

for item in data['list']:

    dates.append(item['dt_txt'])

    temps.append(item['main']['temp'])

plt.figure(figsize=(12,6))

sns.lineplot(x=dates, y=temps)

plt.xticks(rotation=45)

plt.title(f"Temperature Forecast for {CITY}")

plt.xlabel("Date-Time")

plt.ylabel("Temperature (°C)")

plt.tight_layout()

plt.show()
```

