```
import requests
import matplotlib.pyplot as plt

# Directly assign your desired city
CITY = "Madurai"    # ← Change this to any city you want

API_KEY = "cc871a05a16f13537fa73a7749b27edf"
URL = f"http://api.openweathermap.org/data/2.5/forecast?q={CITY}&appid={API_KEY}&units=metric"

response = requests.get(URL)
data = response.json()

# Print full data to debug (optional)
print(data)

# Proceed only if 'list' is present
if "list" in data:
    dates = []
    temps = []

    for item in data["list"][:10]:    # Only first 10 points for clarity
        dates.append(item["dt_txt"])
        temps.append(item["main"]["temp"])

    # Create the plot
    plt.figure(figsize=(10, 5))
    plt.plot(dates, temps, marker='o', color='purple')
    plt.title(f"5-Day Weather Forecast: {CITY}")
    plt.xlabel("Date & Time")
    plt.ylabel("Temperature (°C)")
    plt.xticks(rotation=45)
    plt.tight_layout()
    plt.grid(True)
    plt.show()

else:
    print("❌ Error:", data.get("message", "Something went wrong!"))
```