

```
import requests  
  
import matplotlib.pyplot as plt  
  
  
api_key = "YOUR_API_KEY"  
city = "Chennai"  
  
  
url =  
f"https://api.openweathermap.org/data/2.5/weather?q={city}&appid={api_key}&units=metric"  
  
data = requests.get(url).json()  
  
  
temp = data["main"]["temp"]  
humidity = data["main"]["humidity"]  
  
  
plt.bar(["Temperature (°C)", "Humidity (%)"], [temp, humidity])  
plt.title("Weather Data Visualization")  
plt.show()
```