

Release notes

Files X ...



```
!pip install pandas matplotlib
import pandas as pd
import matplotlib.pyplot as plt

# Create a sample DataFrame
data = {
    'Category': ['A', 'B', 'C', 'D'],
    'Values': [10, 20, 15, 25],
    'Trend': [5, 15, 10, 20]
}

df = pd.DataFrame(data)

# Create a bar chart
plt.figure(figsize=(12, 6))

# Plotting the bar chart
plt.subplot(1, 2, 1)
plt.bar(df['Category'], df['Values'], color='pink', label=df['Category'])
plt.xlabel('Category')
plt.ylabel('Values')
plt.title('Bar Chart of Categories and Values')
plt.legend()

# Create a line chart
plt.subplot(1, 2, 2)
plt.plot(df['Category'], df['Trend'], marker='o', label=df['Trend'])
plt.xlabel('Category')
plt.ylabel('Trend')
plt.title('Line Chart of Categories and Trend')
plt.legend()

# Display the plots
plt.tight_layout()
plt.show()
```

```
Requirement already satisfied: pandas in /usr/local/lib/python3.10/site-packages (2.2.2)
Requirement already satisfied: matplotlib in /usr/local/lib/python3.10/site-packages (3.8.0)
Requirement already satisfied: numpy<2, >=1.22.4 in /usr/local/lib/python3.10/site-packages (1.26.4)
Requirement already satisfied: python-dateutil>=2.8.2 in /usr/local/lib/python3.10/site-packages (2.9.0)
Requirement already satisfied: pytz>=2020.1 in /usr/local/lib/python3.10/site-packages (2024.1)
Requirement already satisfied: tzdata>=2022.1 in /usr/local/lib/python3.10/site-packages (2024.1)
Requirement already satisfied: contourpy>=1.0.1 in /usr/local/lib/python3.10/site-packages (1.1.1)
Requirement already satisfied: cyclor>=0.10 in /usr/local/lib/python3.10/site-packages (0.10)
Requirement already satisfied: fonttools>=4.22.0 in /usr/local/lib/python3.10/site-packages (4.53.0)
Requirement already satisfied: kiwisolver>=1.0.1 in /usr/local/lib/python3.10/site-packages (1.4.5)
Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3.10/site-packages (24.1)
Requirement already satisfied: pillow>=6.2.0 in /usr/local/lib/python3.10/site-packages (10.4.0)
Requirement already satisfied: pyparsing>=2.3.1 in /usr/local/lib/python3.10/site-packages (3.1.4)
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.10/site-packages (1.17.0)
```

