```
No
```

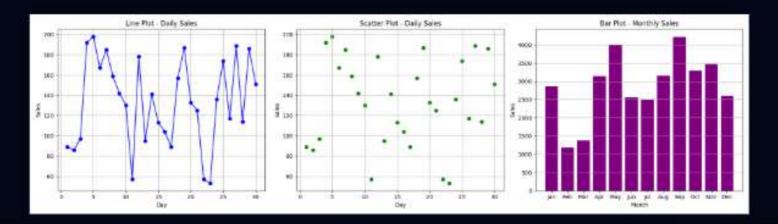
```
# 🅨 🗓
```

```
Python
import matplotlib.pyplot as plt
import numpy as np
# Example data for 30 days (daily sales)
days = np.arange(1, 31)
daily_sales = np.random.randint(50, 200, size=30) # Replace with real daily data
monthly_sales = np.random.randint(1000, 5000, size=12) # Replace with real monthly data
plt.figure(figsize=(18, 5))
# Line Plot
plt.subplot(1, 3, 1)
plt.plot(days, daily_sales, marker='o', linestyle='-', color='blue')
plt.title("Line Plot - Daily Sales")
plt.xlabel("Day")
plt.ylabel("Sales")
plt.grid(True)
# Scatter Plot
plt.subplot(1, 3, 2)
plt.scatter(days, daily_sales, color='green')
plt.title("Scatter Plot - Daily Sales")
plt.xlabel("Day")
plt.ylabel("Sales")
plt.grid(True)
# Bar Plot
plt.subplot(1, 3, 3)
plt.bar(months, monthly_sales, color='purple')
plt.title("Bar Plot - Monthly Sales")
plt.xlabel("Month")
plt.ylabel("Sales")
plt.grid(axis='y')
plt.tight_layout()
plt.show()
```

4

Click Run or press shift + ENTER to run code

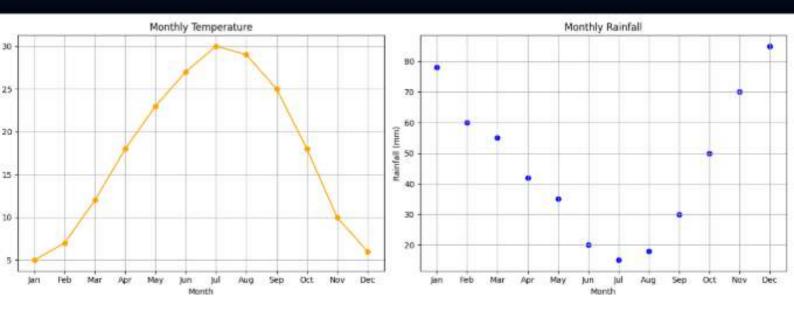


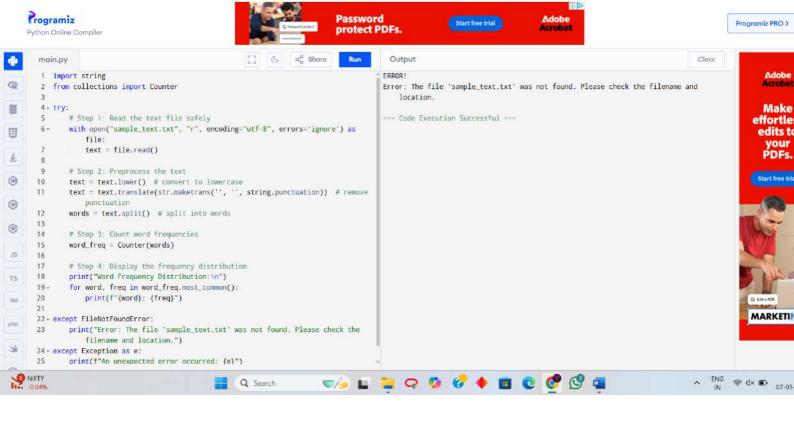


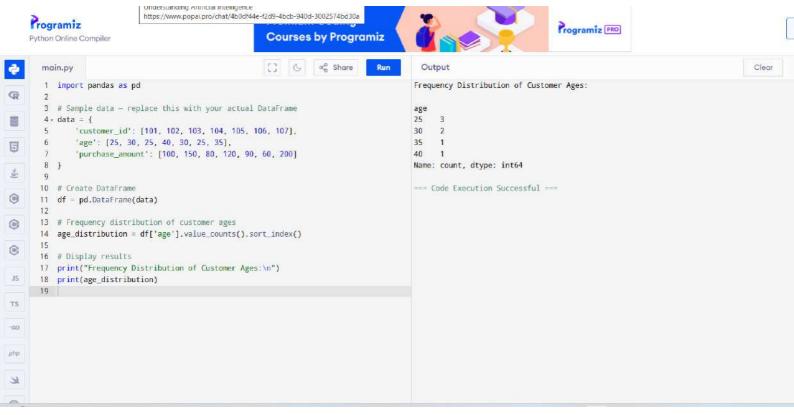
```
Python
import matplotlib.pyplot as plt
import numpy as np
# Example temperature (°C) and rainfall (mm) data temperature = [5, 7, 12, 18, 23, 27, 30, 29, 25, 18, 10, 6] rainfall = [78, 60, 55, 42, 35, 20, 15, 18, 30, 50, 70, 85]
                                                                                                # Replace with actual ter
# Replace with actual ra
# Create figure and subplots
plt.figure(figsize=(14, 5))
# 1. Line Plot - Monthly Temperature
plt.subplot(1, 2, 1)
plt.plot(months, temperature, marker='o', color='orange', linestyle='-')
plt.title("Monthly Temperature")
plt.xlabel("Month")
plt.ylabel("Temperature (°C)")
plt.grid(True)
# 2. Scatter Plot - Monthly Rainfall
plt.subplot(1, 2, 2)
plt.scatter(months, rainfall, color='blue')
plt.title("Monthly Rainfall")
plt.xlabel("Month")
plt.ylabel("Rainfall (mm)")
plt.grid(True)
# Layout adjustment and display
plt.tight layout()
plt.show()
```

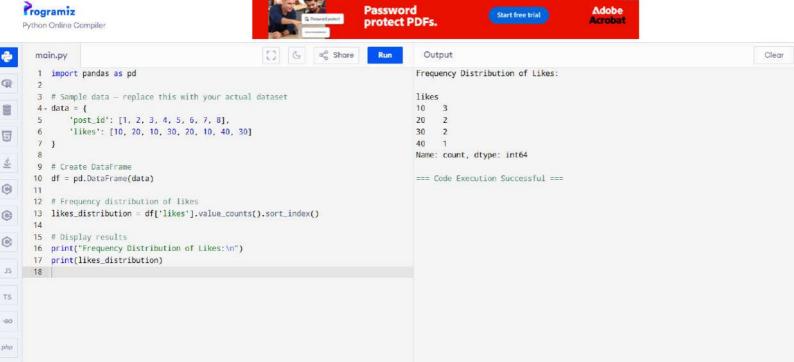
ck Run or press shift + ENTER to run code

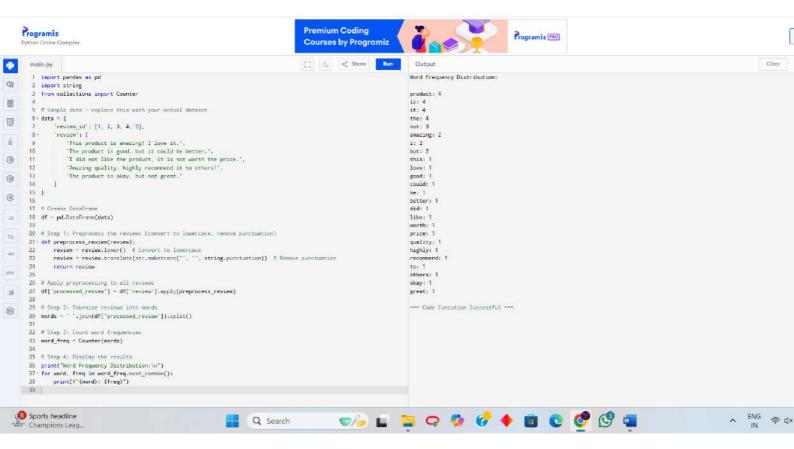
Enable code completions





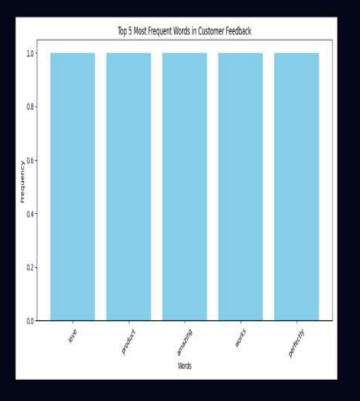






```
import pandas as pd
import string
import matplotlib.pyplot as plt
 from collections import Counter
from nltk.corpus import stopwords
from nltk.tokenize import word tokenize
  import nltk
# Download MLTK stopwords and punkt if you don't have them nltk.download('punkt') nltk.download('stopwords')
 # Function to preprocess the feedback text def preprocess_text(text):
         text = text.lower()
        # Remove punctuation
text = text.translate(str.maketrans('', '', string.punctuation))
         words = word_tokenize(text)
        stop words = set(stopwords.words('english')) words = [word for word in words if word not in stop_words]
         return words
data = {
    "feedback': [
        "I love the product! It's amazing and works perfectly.",
        "The service was terrible, very disappointed.",
        "Great experience, will buy again.",
        "Not satisfied with the quality.",
        "Excellent customer support and fast delivery."
}
df = pd.DataFrame(data)
# Preprocess all feedback comments
all_words = []
for feedback in df['feedback']:
    all_words.extend(preprocess_text(feedback))
 # Calculate the frequency distribution of words word_freq = Counter(all_words)
 N = 5
 # Get the top N most common words top_n_words = word_freq.most_common(N)
```

Top 5 Most Frequent Words: love: 1 product: 1 amazing: 1 works: 1 perfectly: 1



+ Code + Markdown

OUT PUT:

