

5. Write a Pandas program to create a bar plot of the trading volume of Alphabet Inc. stock between two specific dates.

### CODE :

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5.Bar plot volume.py - C:/Query processing/5.Bar plot volume.py (3.11.1)
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import pandas as pd
import matplotlib.pyplot as plt
import yfinance as yf

ticker = 'GOOGL'
start_date = '2023-01-01'
end_date = '2023-12-31'

stock_data = yf.download(ticker, start=start_date, end=end_date)

print(stock_data.head())

plt.figure(figsize=(12, 6))
plt.bar(stock_data.index, stock_data['Volume'], color='blue')
plt.title('Trading Volume of Alphabet Inc. Stock')
plt.xlabel('Date')
plt.ylabel('Trading Volume')
plt.xticks(rotation=45)
plt.grid(axis='y')
plt.tight_layout()
plt.show()
```

### OUTPUT:

