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# Student Performance Analysis
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# Creating a dataset of student marks
data = {
    'Name': ['Ali', 'Sara', 'Zara', 'Hassan', 'Ayesha'],
    'Study Hours': [5, 7, 4, 6, 8],
    'Marks': [65, 80, 60, 75, 85]
}

# Importing pandas to create a DataFrame
import pandas as pd

df = pd.DataFrame(data)

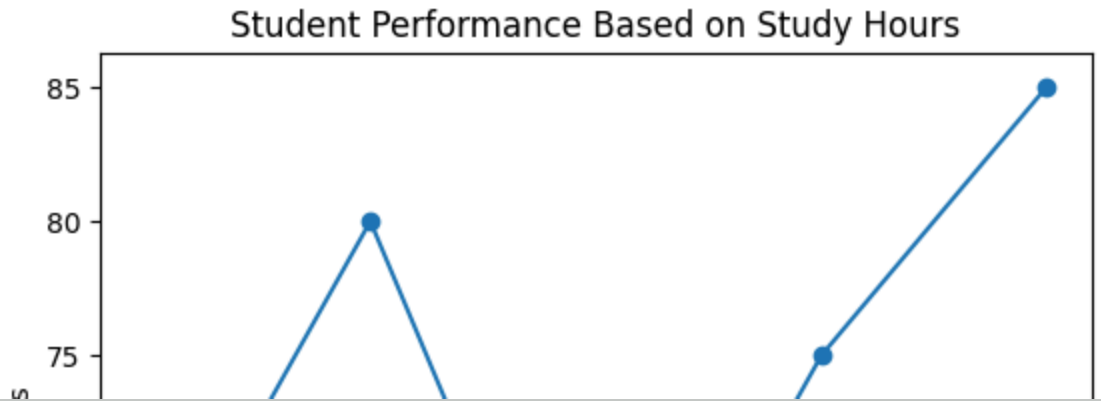
# Displaying the dataset table
from IPython.display import display
display(df)   # Table will show before graph

# Importing matplotlib to create a graph
import matplotlib.pyplot as plt

# Plotting the graph
plt.plot(df['Name'], df['Marks'], marker='o')
plt.xlabel('Students')
plt.ylabel('Marks')
plt.title('Student Performance Based on Study Hours')

# Showing the graph
plt.show()
```

	Name	Study Hours	Marks
0	Ali	5	65
1	Sara	7	80
2	Zara	4	60
3	Hassan	6	75
4	Ayesha	8	85



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