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In [ ]: import pandas as pd
import matplotlib.pyplot as plt

# Read the data from the CSV file
data = pd.read_csv('Automobile.csv')

# Create a dataframe from the data
df = pd.DataFrame(data)
df = df.head(5)
print(df)

# Create a line graph
plt.plot(df['name'], df['horsepower'])
plt.xlabel('name')
plt.ylabel('horsepower')
plt.title('Line Graph of name vs horsepower')
plt.show()

# Create a bar graph
plt.bar(df['name'], df['horsepower'])
plt.xlabel('name')
plt.ylabel('horsepower')
plt.title('Bar Graph')
plt.show()

# Create a scatter plot
df=df.head(50)
plt.scatter(df['name'], df['horsepower'])
plt.xlabel('name')
plt.ylabel('horsepower')
plt.title('Scatter Plot')
plt.show()
```

	name	mpg	cylinders	displacement	horsepower	\
0	chevrolet chevelle malibu	18.0	8	307.0	130.0	
1	buick skylark 320	15.0	8	350.0	165.0	
2	plymouth satellite	18.0	8	318.0	150.0	
3	amc rebel sst	16.0	8	304.0	150.0	
4	ford torino	17.0	8	302.0	140.0	

	weight	acceleration	model_year	origin
0	3504	12.0	70	usa
1	3693	11.5	70	usa
2	3436	11.0	70	usa
3	3433	12.0	70	usa
4	3449	10.5	70	usa



