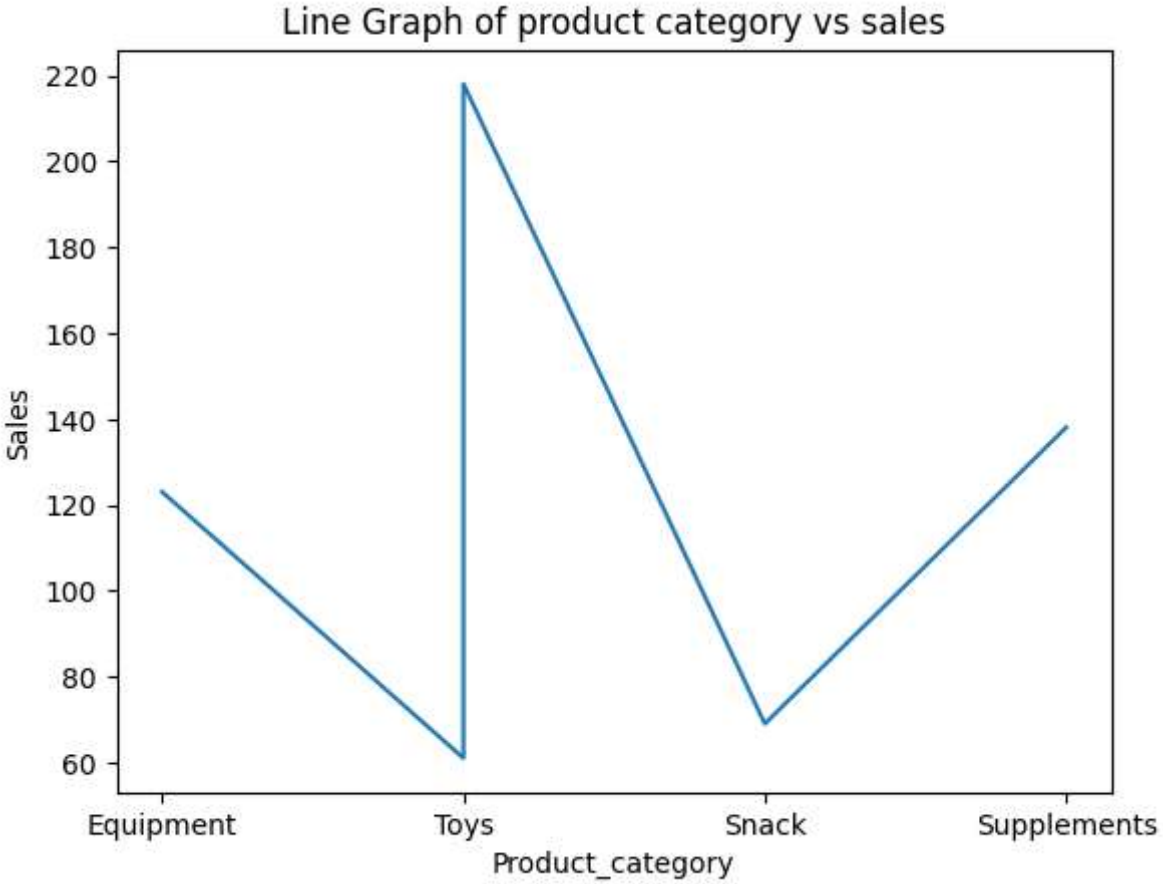
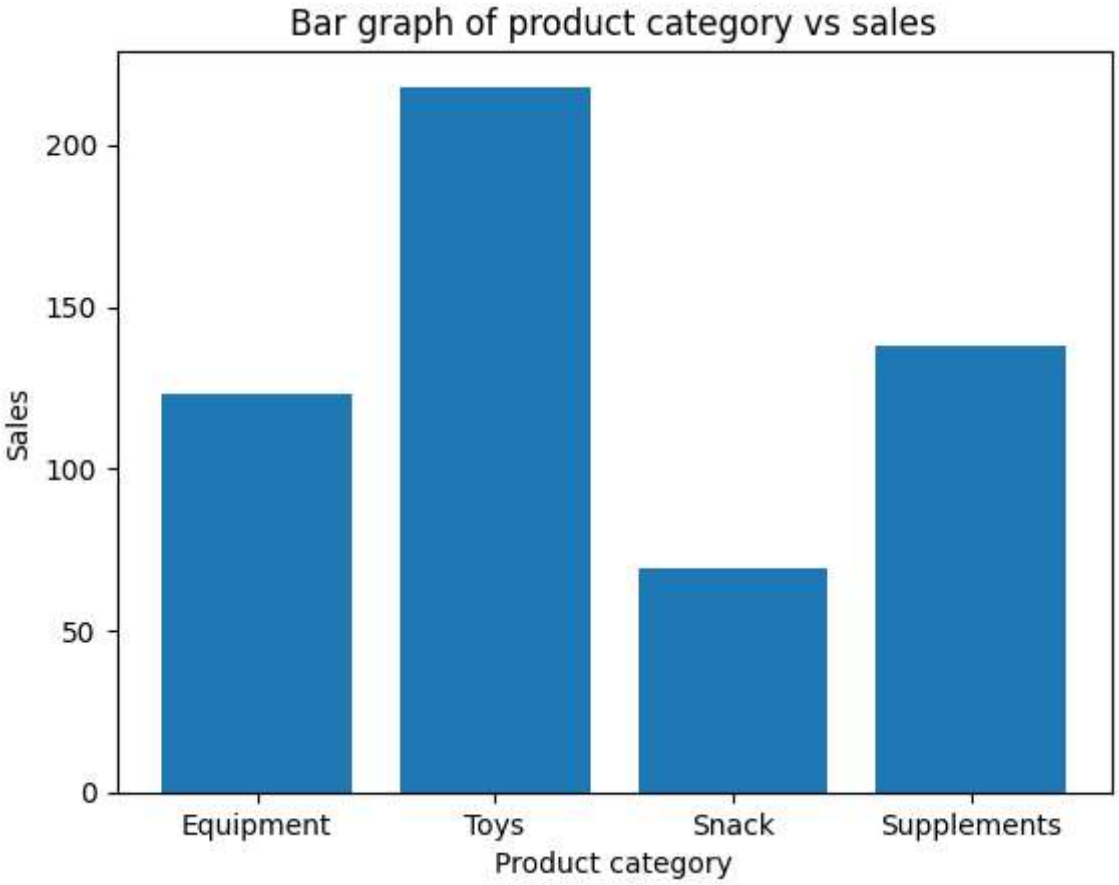
In [ ]:
```
import pandas as pd
import matplotlib.pyplot as plt

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

# Create a dataframe from the data
df = pd.DataFrame(data)
df = df.head(5)
print(df)
# Create a line graph
plt.plot(df['product_category'], df['sales'])
plt.xlabel('Product_category')
plt.ylabel('Sales')
plt.title('Line Graph of product category vs sales')
plt.show()

# Create a bar graph
plt.bar(df['product_category'], df['sales'])
plt.xlabel('Product category')
plt.ylabel('Sales')
plt.title('Bar graph of product category vs sales')
plt.show()

# Create a scatter plot
df=df.head(50)
plt.scatter(df['product_category'], df['sales'])
plt.xlabel('product_category')
plt.ylabel('sales')
plt.title('Scatter Plot of Product_category and Sales')
plt.show()
```

```
   product_id product_category  sales  price  VAP vendor_id  country pet_size  \
0        5040        Equipment    123   7293    0   VC_1605  Vietnam    small
1        4567             Toys     61   9304    1   VC_1132    India    small
2        4237             Toys    218   8180    0    VC_802    India    small
3        4364            Snack     69  18559    1    VC_929    India    large
4        4184      Supplements    138  10283    1    VC_749    India    large

  pet_type  rating  re_buy
0     fish       7       1
1      cat      10       0
2  hamster       6       0
3      dog       1       1
4      dog      10       0
```


Line Graph of product category vs sales
220
200
180
160
140
120
100
80
60
Sales
Equipment
Toys
Snack
Supplements
Product_category


Bar graph of product category vs sales
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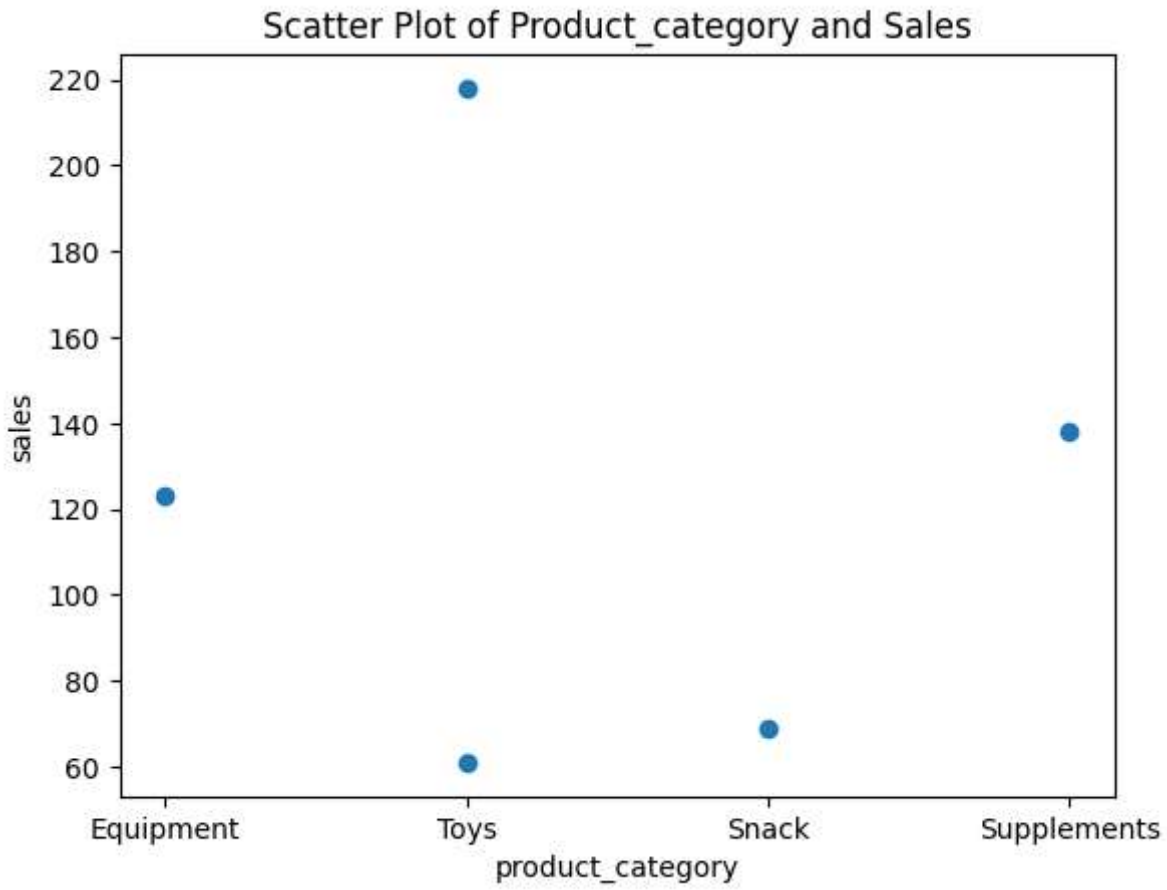
150
100
50
0
Sales
Equipment
Toys
Snack
Supplements
Product category


Scatter Plot of Product_category and Sales
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product_category