

```
import matplotlib
from matplotlib import pyplot as plt
import seaborn as sns
import pandas as pd
import math
import numpy as np
```

```
df=pd.read_csv("cars420.csv")
df=df.head()
fig=plt.figure()
plt.title("Price Range of Car")
sns.boxplot(df["Price"])
```

```
#Interpreting the five number Summaryimport matplotlib
```

```
print(np.min(df.Price))
print(np.max(df.Price))
print(np.std(df.Price))
print(np.mean(df.Price))
print(np.median(df.Price))
```

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```
df=pd.read_csv("cars420.csv")
```

```
mode1=df['MPG_city'].mode()
print("Highest frequency : ",mode1)
```

```
fig=plt.figure()
x=df.MPG_city
plt.title("Frequency distribution")
plt.xlabel("MPG_city")
plt.hist(x, bins=5, edgecolor="black")
```

```
from matplotlib import pyplot as plt
import pandas as pd
```

```
fig=plt.figure()
x=df.Horsepower
y=df.MPG_city
plt.title("Sactter")
plt.scatter(x,y)
```

```
import matplotlib
```

```
from matplotlib import pyplot as plt
import pandas as pd

df=df.head()

fig=plt.figure()
x=df.EngineSize
y=df.Horsepower
plt.title("Variations between Enginesize and Horsepower")
plt.plot(x,y)
```