```
from google.colab import files
uploaded = files.upload()
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
import statsmodels.formula.api as smf
import numpy as np
```

Choose Files Cars.csv

- **Cars.csv**(text/csv) - 3527 bytes, last modified: 2/4/2025 - 100% done

```
Saving Cars.csv to Cars.csv
```

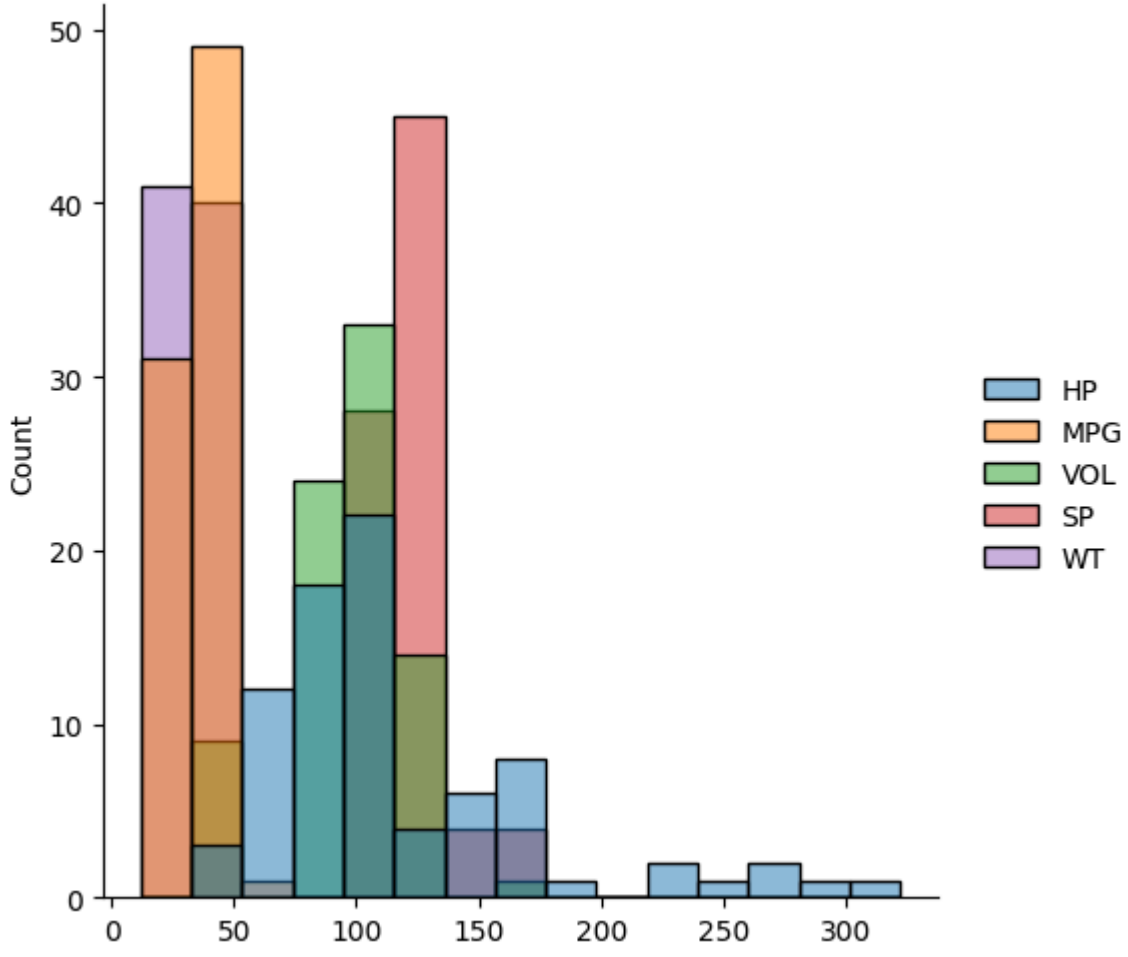
```
cars = pd.read_csv('Cars.csv')
cars.head()
```

	HP	MPG	VOL	SP	WT
0	49	53.700681	89	104.185353	28.762059
1	55	50.013401	92	105.461264	30.466833
2	55	50.013401	92	105.461264	30.193597
3	70	45.696322	92	113.461264	30.632114
4	53	50.504232	92	104.461264	29.889149

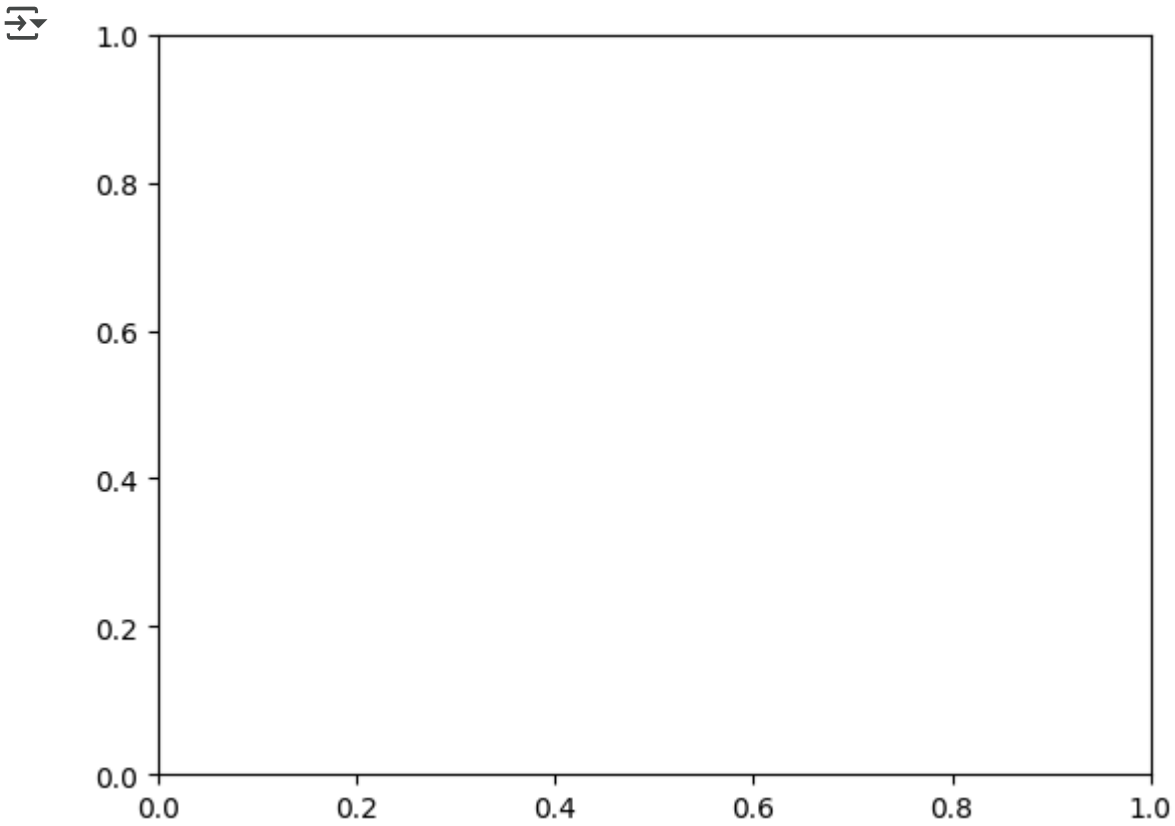
Next steps: Generate code with cars | View recommended plots | New interactive sheet

```
sns.displot(data=cars)
```

```
<seaborn.axisgrid.FacetGrid at 0x7cb33b2e7090>
```



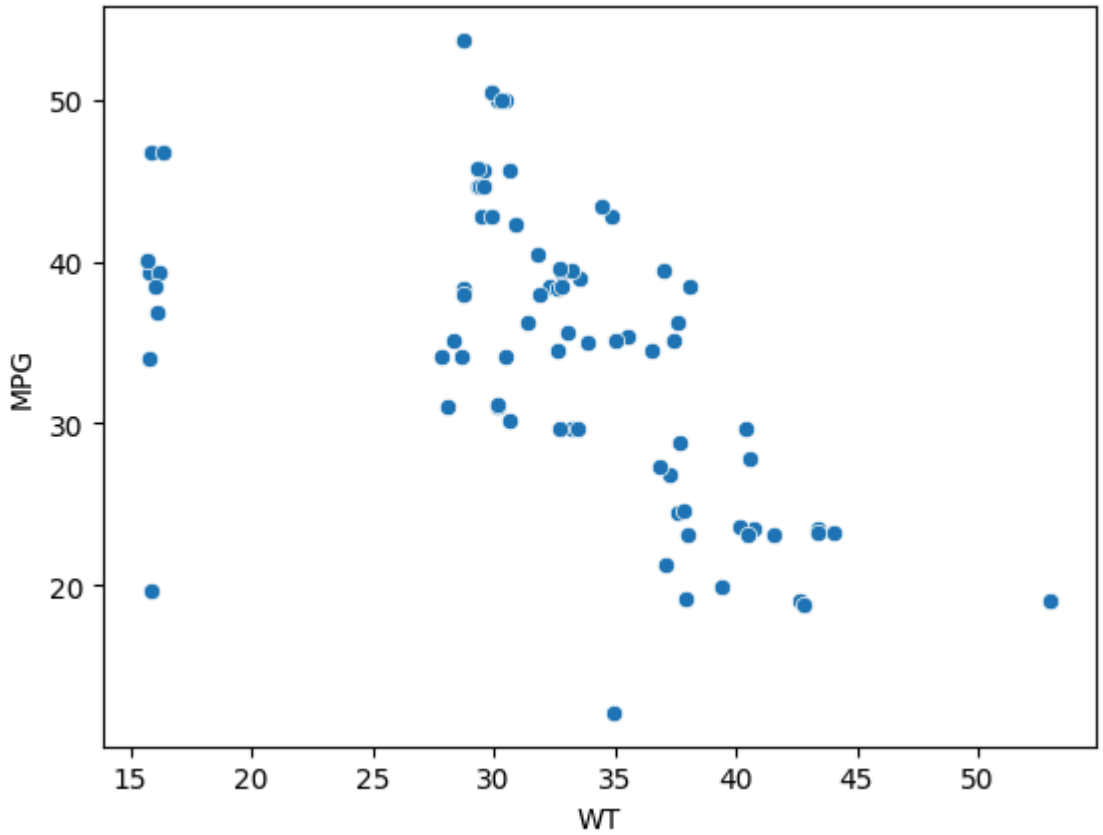

```
fig, ax = plt.subplots()
```




```
bp = ax.boxplot(cars['HP'])
plt.show()
```

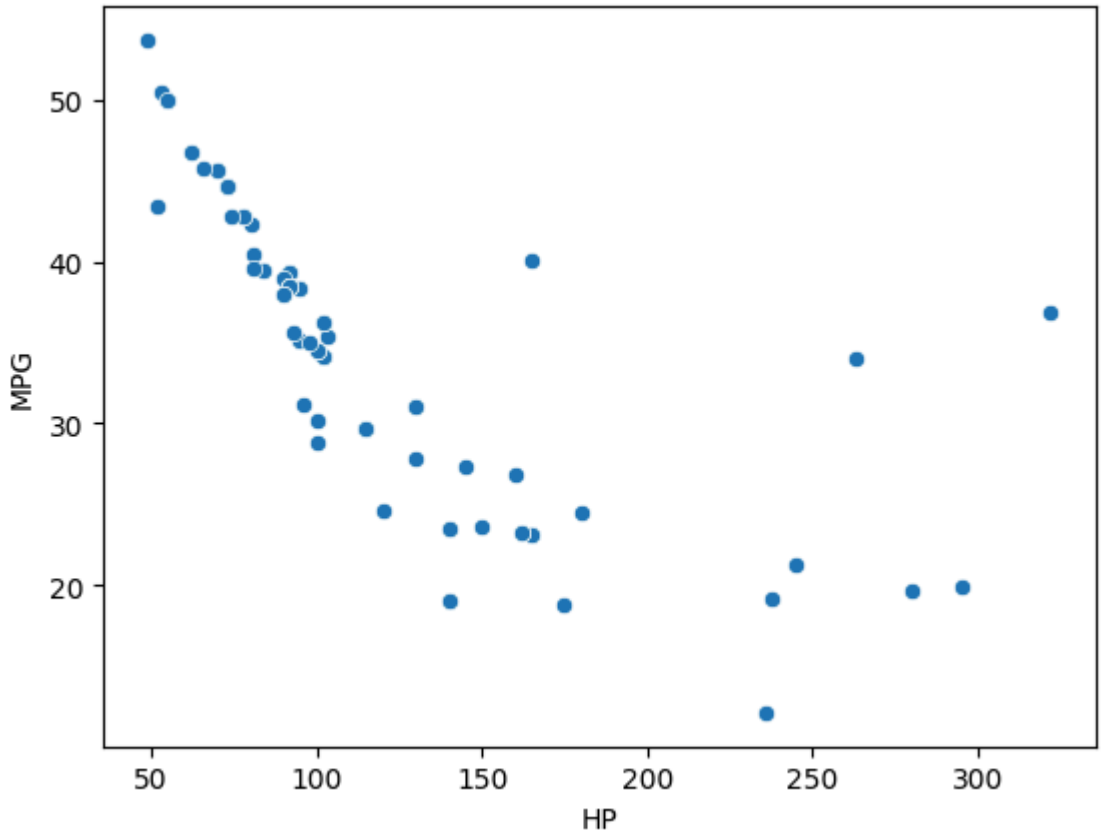
```
sns.scatterplot(x=cars['WT'],y=cars['MPG'])
print(cars.columns)
```

```
Index(['HP', 'MPG', 'VOL', 'SP', 'WT'], dtype='object')
```

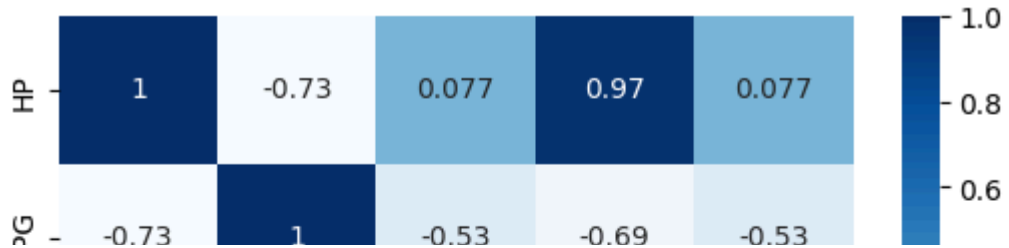



```
sns.scatterplot(x=cars['HP'],y=cars['MPG'])
```

```
<Axes: xlabel='HP', ylabel='MPG'>
```




```
sns.heatmap(cars.corr(),cmap='Blues',annot=True)
plt.show()
```


HP
1
-0.73
0.077
0.97
0.077
-0.73
1
-0.53
-0.69
-0.53
1.0
0.8
0.6