```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline
%matplotlib inline
```

```
!wget -q https://raw.githubusercontent.com/Thinking-Cat/ML/
```

Thinking Cat(1)

```
!head -n 10 Thinking-Cat/data/Thinking-Cat.csv
```

```
price,year,mileage,tax,mpg,engine,transmission,fuelsystem,drivetrainformat,enginelocation,enginetype,cylinders,horsepower,
0,13495.0000,2011.0000,48054.5000,135.0000,30.7500,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
1,16500.0000,2011.0000,12000.0000,135.0000,22.0000,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
2,16500.0000,2011.0000,8000.0000,135.0000,25.0000,2.0000,MPFI,Gas,Front,ohc,six,154.0000,
3,13950.0000,2011.0000,48054.5000,136.0000,30.7500,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
4,17450.0000,2011.0000,36000.0000,136.0000,22.0000,2.0000,MPFI,Gas,Front,ohc,five,136.0000,
```

Thinking Cat(2)

```
!head -n 10 Thinking-Cat/data/Thinking-Cat.csv
```

```
price,year,mileage,tax,mpg,engine,transmission,fuelsystem,drivetrainformat,enginelocation,enginetype,cylinders,horsepower,
0,13495.0000,2011.0000,48054.5000,135.0000,30.7500,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
1,16500.0000,2011.0000,12000.0000,135.0000,22.0000,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
2,16500.0000,2011.0000,8000.0000,135.0000,25.0000,2.0000,MPFI,Gas,Front,ohc,six,154.0000,
3,13950.0000,2011.0000,48054.5000,136.0000,30.7500,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
4,17450.0000,2011.0000,36000.0000,136.0000,22.0000,2.0000,MPFI,Gas,Front,ohc,five,136.0000,
```

Thinking Cat(3)

```
!head -n 10 Thinking-Cat/data/Thinking-Cat.csv
```

```
price,year,mileage,tax,mpg,engine,transmission,fuelsystem,drivetrainformat,enginelocation,enginetype,cylinders,horsepower,
0,13495.0000,2011.0000,48054.5000,135.0000,30.7500,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
1,16500.0000,2011.0000,12000.0000,135.0000,22.0000,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
2,16500.0000,2011.0000,8000.0000,135.0000,25.0000,2.0000,MPFI,Gas,Front,ohc,six,154.0000,
3,13950.0000,2011.0000,48054.5000,136.0000,30.7500,2.0000,MPFI,Gas,Front,ohc,four,111.0000,
4,17450.0000,2011.0000,36000.0000,136.0000,22.0000,2.0000,MPFI,Gas,Front,ohc,five,136.0000,
```