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Batch : F8

Week lab 7

Github Link : https://github.com/Amanjakhetiya/OSS_LAB_7

```python
# -*- coding: utf-8 -*-
"""Amanjakhetiya_9918103209_F8_OSS_LAB7.ipynb

Automatically generated by Colaboratory.
```

```python
Original file is located at
    https://colab.research.google.com/drive/1atwTJLJW-P0gjQtXf8LN9Qo5YfsKuUJB
"""
```

```python
from google.colab import files
files.upload()
```

```python
import pandas as pd
import numpy as np
```

```python
data=pd.read_csv("Automobile_data.csv")
data.head()
```

```python
data.tail()
```

```python
data.replace(['?'],['Nan'])
data.replace(['n.a'],['Nan'])
```

```python
volvo=data[data['company']=='volvo']
print(volvo)
```

```python
data['company'].value_counts()
```

```python
company = data.groupby('company')
price = company['company','price'].max()
price
```

```python
mileage = company['company','average-mileage'].mean()
mileage
```

```python
Car_Price = {'Company': ['Toyota', 'Honda', 'BMV', 'Audi'], 'Price': [23845, 17995,
135925, 71400]}
Car_Price_Data=pd.DataFrame.from_dict(Car_Price)
```

```python
Car_Horsepower = {'Company': ['Toyota', 'Honda', 'BMV', 'Audi'], 'horsepower': [141, 80,
182, 160]}
Car_Horsepower_Data=pd.DataFrame.from_dict(Car_Horsepower)
```

```python
merged=pd.merge(Car_Price_Data,Car_Horsepower_Data, on ='Company')
merged
```