LAB SHEET - 4

Aim - Write a program in python to reshape and filter data in a given dataset.

Date of assignment - 10/09/2024

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Roll number - 23619002

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1. Write a program in python to reshape and filter data in a given dataset.

Answer:-

Csv file:

CAR	PLACE	UNITS SOLD
Audi	Bangalore	100
Porshe	Mumbai	90
RollsRoyce	Pune	95
BMW	Delhi	80
Mercedes	MP	110
Lamborghini	UP	85
Audi	Mumbai	115
Mercedes	Chennai	90
Lamborghini	Hydrabad	95

Python code:

```
import pandas as pd
df = pd.read_csv('cars.csv')
df=df[df['CAR'].str.contains('Lamborghini')]
print(df)
```

Output:

```
     CAR         PLACE      UNITS SOLD
5  Lamborghini    UP            85
8  Lamborghini  Hyderabad       95
```