Code Implementation:

Answer:

1) Libraries:

```
import pandas as pd
import numpy as np
import pickle

from sklearn.svm import SVC
from sklearn.metrics import accuracy_score
from sklearn.preprocessing import LabelEncoder
from sklearn.model_selection import train_test_split
```

2) Data Loading,Reading and Exploring:

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

```
df
```

```
print(f"Number of Rows: {df.shape[0]} \nNumber of Columns: {df.shape[1]}")
```

```
df.count()
```

```
df.isnull().sum()
```

```
df.describe()
```

```
df.info()
```

```
df.head(2)
```

```
df.tail(2)
```

```
for i in df.columns:
    print(i)
```

LAB TASK:


```
df['Car_Name'].unique()
```

```
df.nunique()
```