**Data Cleaning and Pre-Processing**

df = df.dropna()

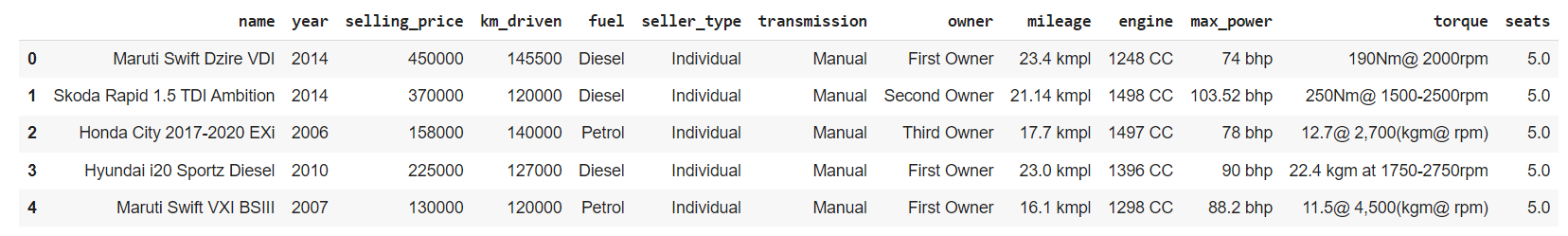
df = df.drop\_duplicates()

# Removing Unnecessary Columns

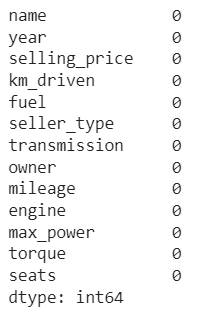
df = df[df["owner"] != "Test Drive Car"]

df.reset\_index(drop=True, inplace=True)

df.head()



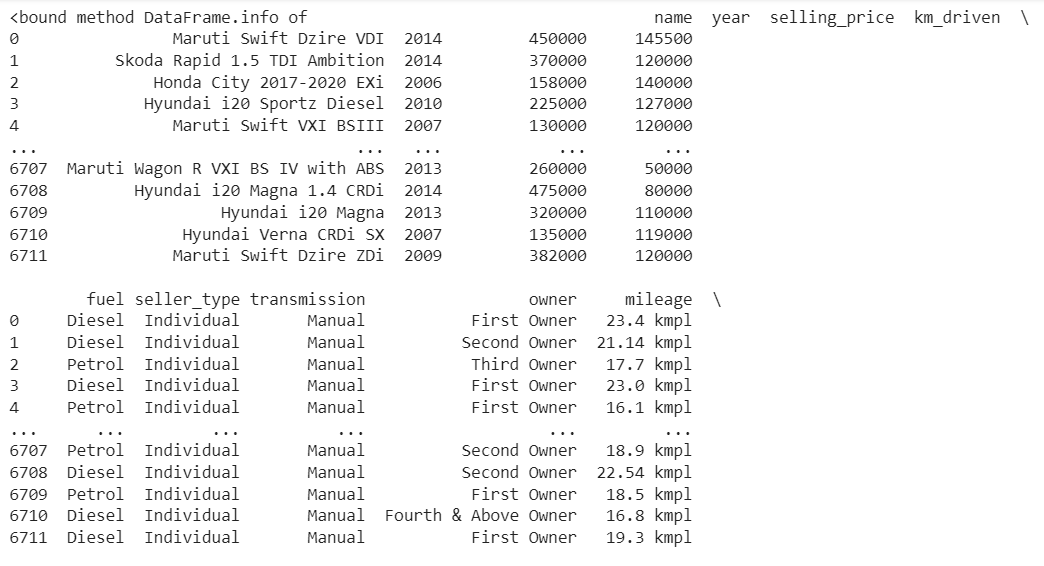
df.isna().sum()

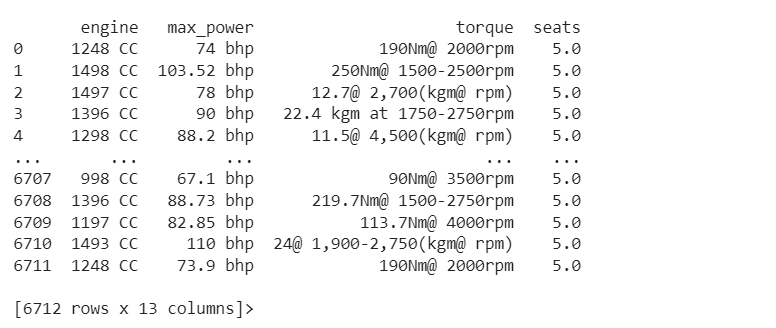


df.shape



df.info



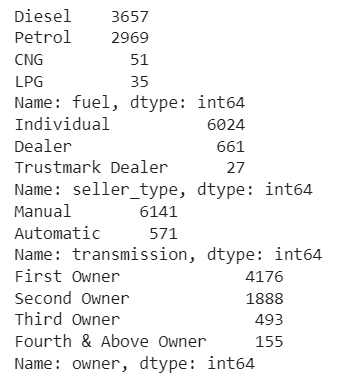


print(df["fuel"].value\_counts())

print(df["seller\_type"].value\_counts())

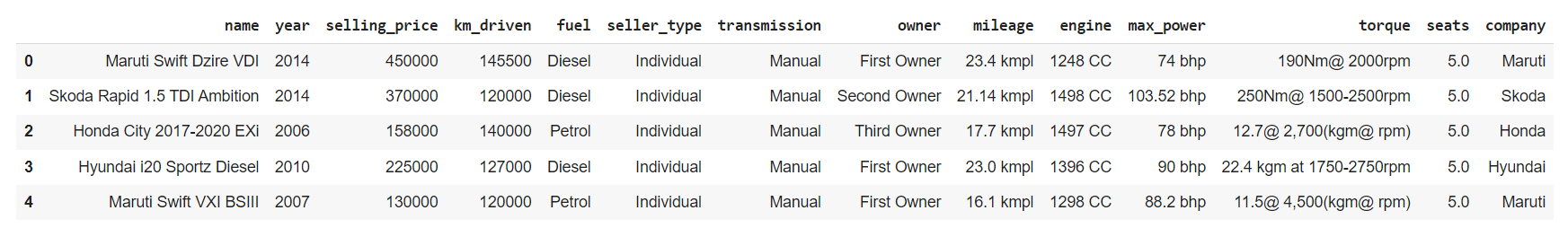
print(df["transmission"].value\_counts())

print(df["owner"].value\_counts())



df['company']=df['name'].str.split().str.slice(start=0,stop=1).str.join(' ')

df.head()



df.to\_csv('cleaned\_car\_details.csv')