**CAR PRICE PREDICTION WITH**

**MACHINE LEARNING**

**DATASET: CarPrice.csv**

**CODE:**

import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

import seaborn as sns

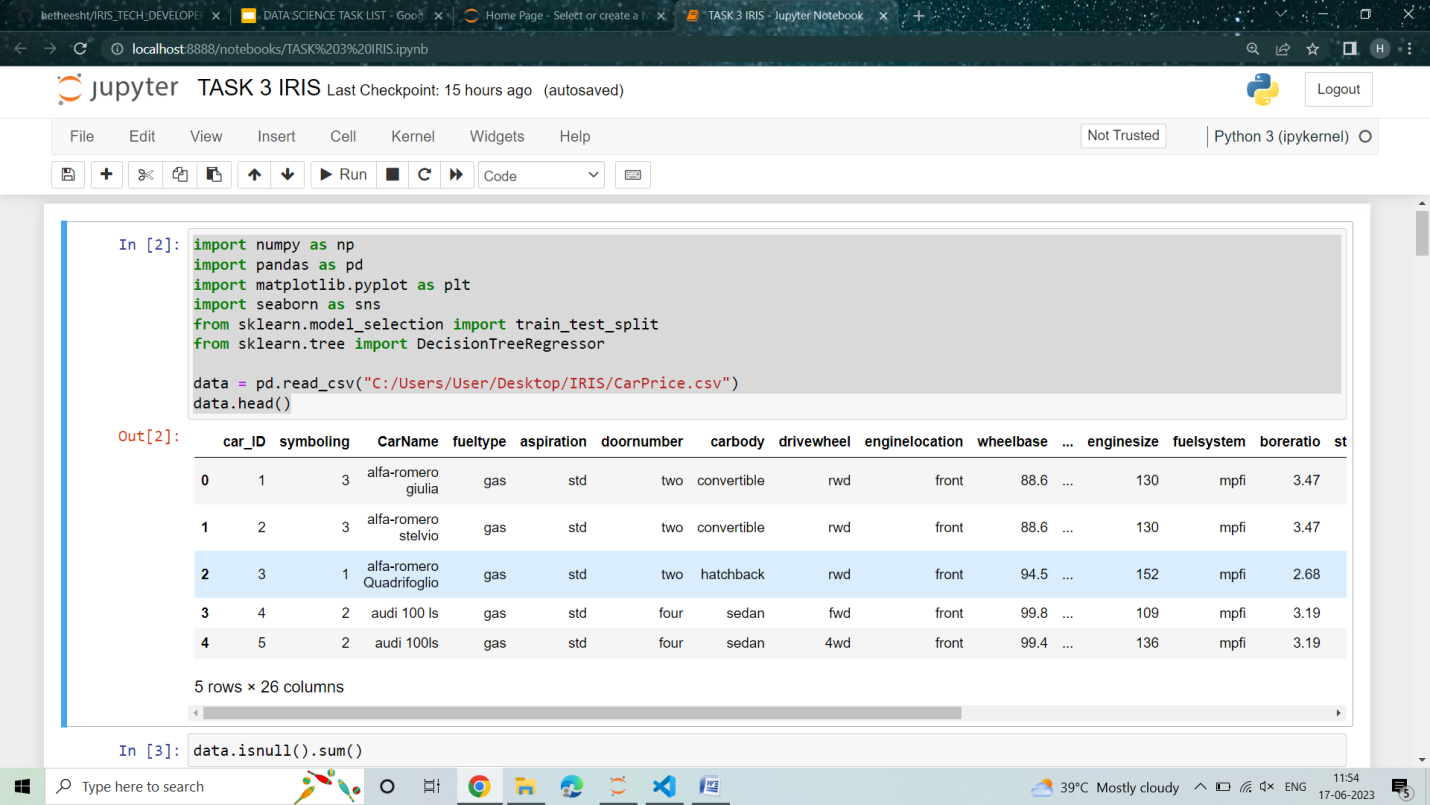
from sklearn.model\_selection import train\_test\_split

from sklearn.tree import DecisionTreeRegressor

data = pd.read\_csv("C:/Users/User/Desktop/IRIS/CarPrice.csv")

data.head()

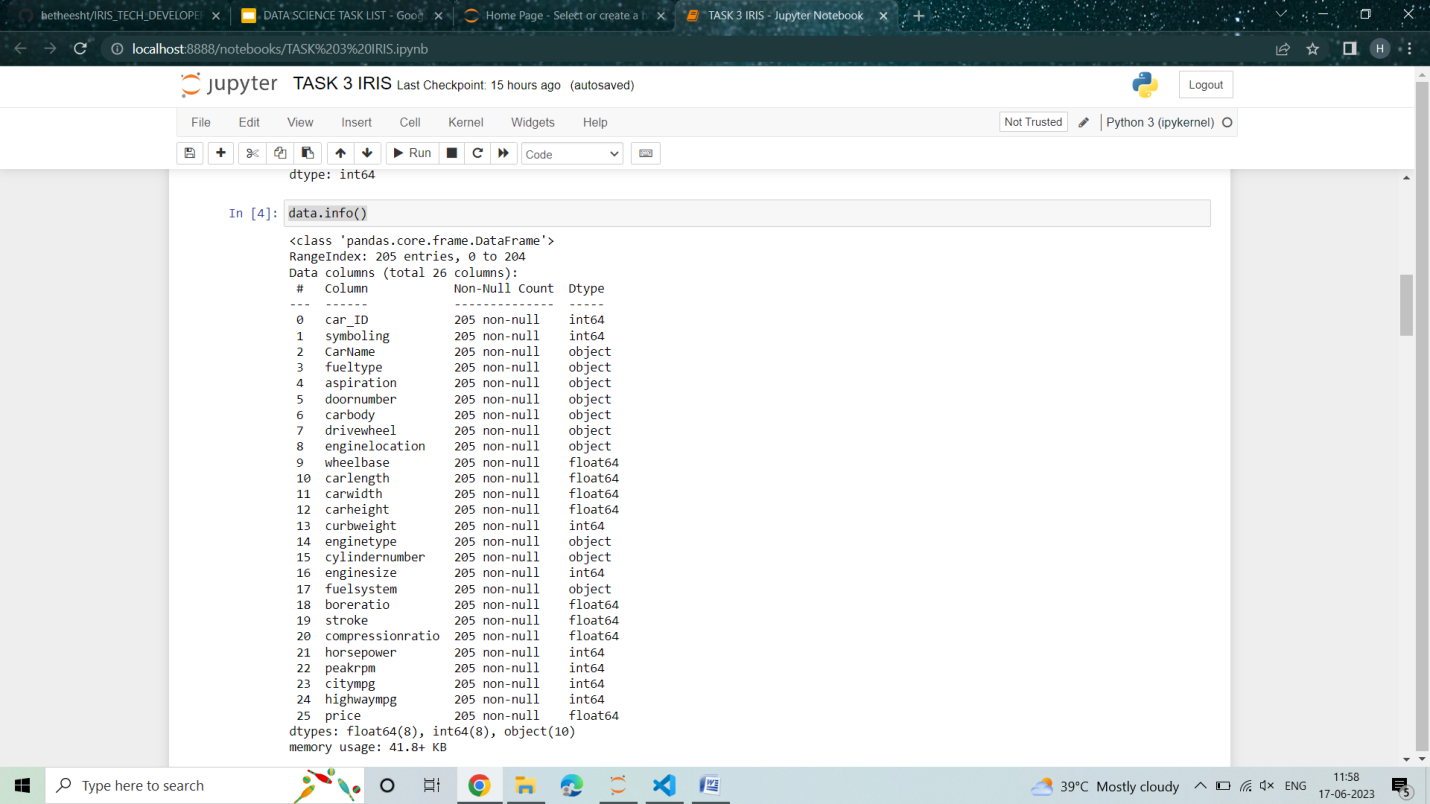
**Result:**

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#Continue

data.info()

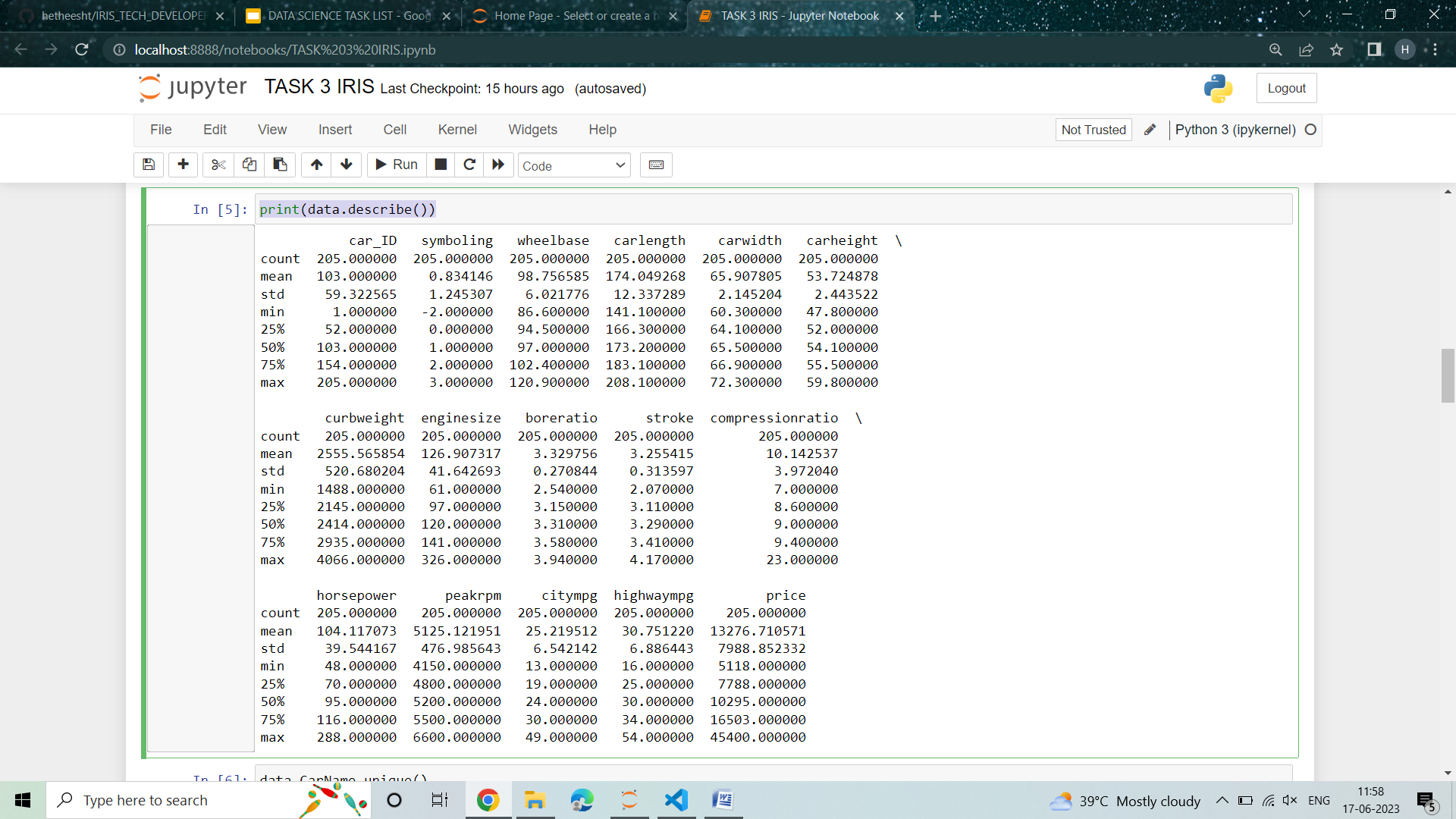
**Result:**

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#continue

print(data.describe())

**Result:**

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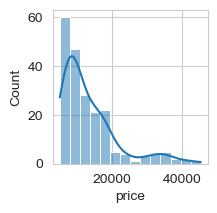
sns.set\_style("whitegrid")

plt.figure(figsize=(2,2))

sns.histplot(data.price ,kde=True)

**plt.show()**

**Result:**



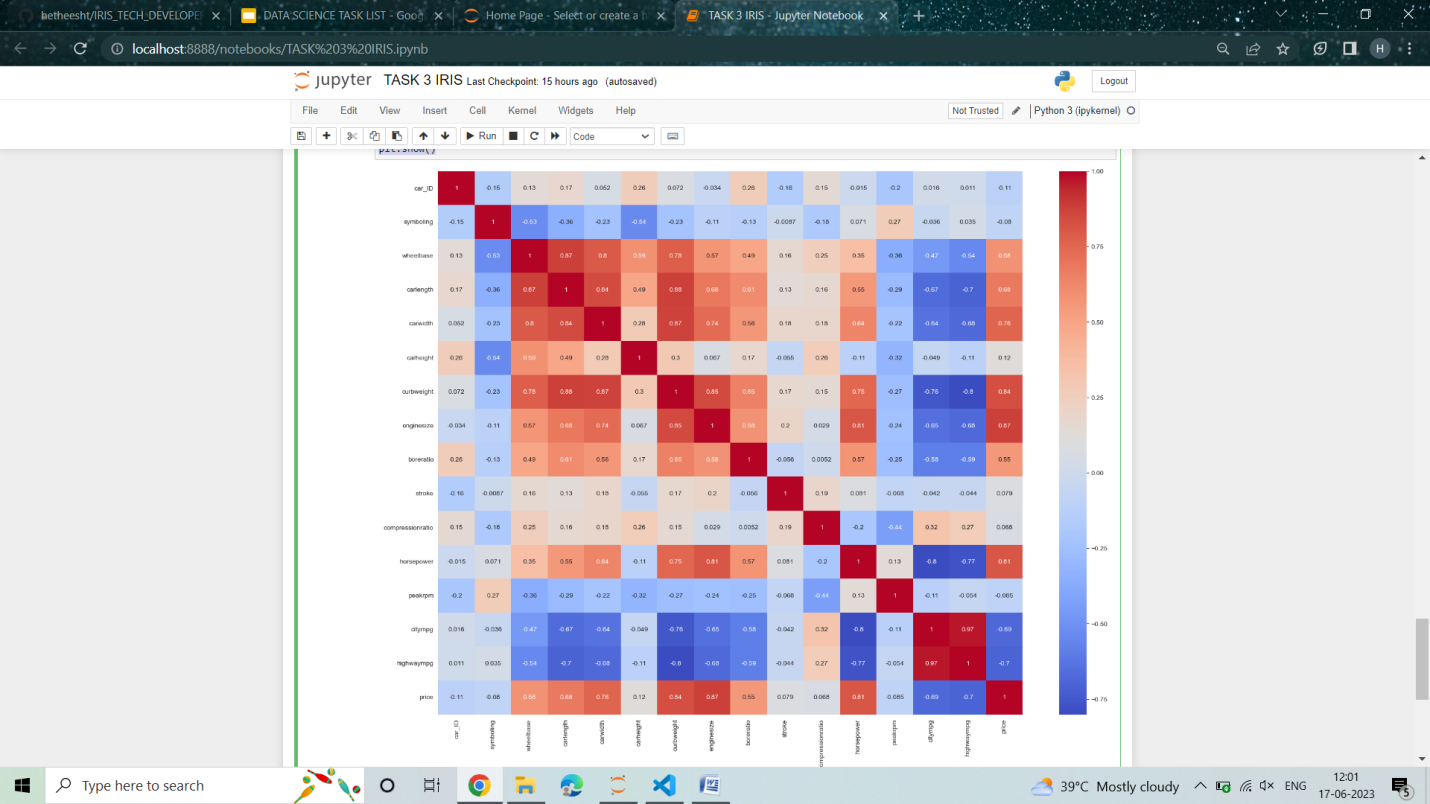
plt.figure(figsize=(20, 15))

correlations = data.corr(numeric\_only=True)

sns.heatmap(correlations, cmap="coolwarm", annot=True)

plt.show()

**OUTPUT:**

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