

## Import all required libraries

```
from sklearn.model_selection import cross_val_score, train_test_split
```

```
from sklearn.ensemble import RandomForestRegressor  
from sklearn.metrics import r2_score
```

```
import pandas as pd  
import matplotlib.pyplot as plt  
import numpy as np  
import seaborn as sns  
from sklearn.preprocessing import LabelEncoder  
import pickle
```

Python