

Codveda Technologies Internship Task 2: Linear Regression Intern: Praneetha Data

Objective The goal here is to establish a simple linear regression model for predic

We will:

Load and load the dataset Preprocess data Train a linear regression model Interp
(MSE)

```
[1]: import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns

from sklearn.model_selection import train_test_split
from sklearn.linear_model import LinearRegression
from sklearn.metrics import mean_squared_error, r2_score
```

```
[4]: df=pd.read_csv(r"C:\\Users\\DELL\\Downloads\\house prediction.csv")
df
```

[4]:	0.00632	18.00	2.310	0	0.5380	6.5750	65.20	4.0900	1	296.0	15.30	396.90	4.98
0										0.02731	0.00	7.070	0 0.4690 6.42
1										0.02729	0.00	7.070	0 0.4690 7.18
2										0.03237	0.00	2.180	0 0.4580 6.99
3										0.06905	0.00	2.180	0 0.4580 7.14
4										0.02985	0.00	2.180	0 0.4580 6.43