

Python Data Dive Activities Unit 3.2

1. Perform linear regression on the Boston housing dataset and evaluate the model's performance. What are the key metrics you used to assess the model?

DataSet: Regression dataset: Boston housing dataset from the UCI Machine Learning Repository
(kaggle.com/datasets/schirmerchad/bostonhousingm1nd)

2. Implement a decision tree classifier on the Titanic dataset and visualize the decision tree. Explain how the decision tree is making predictions.

Classification dataset: Titanic dataset from Kaggle
(kaggle.com/c/titanic/data)

