



Launcher



House_Sales_in_King_Count_1 X



Markdown ▾

Pyolite



Create and fit a Ridge regression object using the training data, set the regularization parameter to 0.1, and calculate the R^2 using the test data.

```
[66]: from sklearn.linear_model import Ridge
```

```
[67]: from sklearn.linear_model import Ridge
      from sklearn.metrics import r2_score
```

```
# Create Ridge regression object
ridge_reg = Ridge(alpha=0.1)
```

```
# Fit the Ridge regression object using the training data
ridge_reg.fit(X_train, y_train)
```

```
# Predict the target variable using the test data
y_pred = ridge_reg.predict(X_test)
```

```
# Calculate the  $R^2$  score
r2 = r2_score(y_test, y_pred)
```

```
print(f'R^2 score: {r2:.4f}')
```

R^2 score: 0.6479

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