2.The feature OverallQual is alone giving the best prediction with least rmse and high test scores

![Table

Description automatically generated]()

3.**Combinations of all top 10 features**

![Table

Description automatically generated]()

4.**Single model with all features**

Train Score : 0.928

Test Score : 0.812

RMSE : 35623.30

Overall features show more accuracy in prediction with high test scores of 81% when compared with two features. However, model seems a bit overfitting since the performance on train is better than test.

5. **5NN Regressor**

Train Score : 0.77

Test score : 0.60

RMSE: 51966.07

**10NN Regressor**

Train Score : 0.71

Test Score: 0.59

RMSE: 52392.16

Out of above two 5NN regressor seems working better when compared with 10NN

However, they are not better when compared with linear regressor.