

Machine Learning project

Housing Dataset

1. Linear Regression

r2_score:66.87594935356307

2. K-Neighbors Regressor

r2_score:64.73640882039258

3. Support Vector Machine

r2_score:59.86065268181071

4. Decision Tree Regressor

r2_score:75.69145926912371

5. Random Forest Regressor

r2_score:86.91577800265931

We worked on housing data which is a regression data set, we calculated R2_score using machine learning algorithm so that we could find out which algorithm is performing best or we found out that random forests and decision tree algorithm. R2_score is the highest.