House Prices - Advanced Regression Techniques

29/10/24:

1. Drop columns having missing values above 50%
2. Replace with median and mode columns having less than 50% missing values
3. Drop columns having every row unique values
4. Feature encoding using label encoder
5. Applied linear regression model with random state 42
6. Then eliminate features based on p value
7. Again apply linear regression

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Train r2 | cv | Test r2 | Good/ Bad | columns |
| Linear Regression | 84 | 78 | 84 | Bad | 75 |
| Linear Regression | 83 | 80 | 85 | Good | 36 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Test Data Preprocessing:

30/10/24: