1. AdaBoost Regression

To identify models accuracy while using different hyper parameters for AdaBoost Regressor

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | loss | n\_estimators | R Value |
| 1 | linear | 50 | .853 |
| 2 | square | 50 | .483 |
| 3 | exponential | 50 | .631 |

2. XGBoost Regression

To identify models accuracy while using different hyper parameters for XGBoost Regressor

R Score vaue is - .821

3. LGBoost Regression

To identify models accuracy while using different hyper parameters for LGBoost Regressor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | boosting\_type | **class\_weight** | **importance\_type** | R Value |
| 1 | gbdt | balanced | split | .869 |
| 2 | gbdt | balanced | gain | .869 |
| 3 | gbdt | none | split | .869 |
| 4 | gbdt | none | gain | .869 |
| 5 | rf | balanced | split | Error |
| 6 | rf | balanced | gain | Error |
| 7 | rf | none | split | Error |
| 8 | rf | none | gain | Error |
| 9 | dart | balanced | split | .871 |
| 10 | dart | balanced | gain | .871 |
| 11 | dart | none | split | .871 |
| 12 | dart | none | gain | .871 |