**To find following the Machine Learning Regression Method using in R2 value**

**GradientBoostingRegressor**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S**.**NO** | **loss** | **criterion** | **N\_Estimators** | **R value** |
| 1 | squared error | squared error | 50 | 0.225 |
| 2 | squared error | squared error | 100 | 0.221 |
| 3 | squared error | friedman\_mse | 50 | 0.225 |
| 4 | squared error | friedman\_mse | 100 | 0.221 |
| 5 | absolute error | friedman\_mse | 50 | 0.116 |
| 6 | absolute error | friedman\_mse | 100 | 0.121 |
| 7 | Huber | friedman\_mse | 100 | 0.151 |
| 8 | Huber | friedman\_mse | 50 | 0.151 |
| 9 | Huber | friedman\_mse | 50 | 0.164 |
| 10 | Quantile | squared error | 100 | -0.151 |
| 11 | Quantile | friedman\_mse | 50 | -0.371 |
| 12 | Quantile | squared error | 50 | -0.371 |
| 13 | Quantile | friedman\_mse | 100 | -0.374 |

GradientBoostingRegressoruse R-value

(**loss =** squared error)**, (criterion =** squared error)**, (N\_Estimators =**50**)** = 0.225