|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S:NO | CRITERION | N-Estimators | MAX-FEATURES | R^2 SCORE |
| 1 | Squared\_error | 50 | None | 0.947121659384 |
| 2 | Squared\_error | 100 | None | 0.937161593490 |
| 3 | Squared\_error | 50 | sqrt | 0.740228452662 |
| 4 | Squared\_error | 100 | Sqrt | 0.799673728407 |
| 5 | Squared\_error | 50 | Log2 | 0.762001316440 |
| 6 | Squared\_error | 100 | Log2 | 0.831096870951 |
| 7 | Friedman-mse | 50 | None | 0.938254687312 |
| 8 | Friedman-mse | 100 | None | 0.934602881760 |
| 9 | Friedman-mse | 50 | Sqrt | 0.748723247409 |
| 10 | Friedman-mse | 100 | Sqrt | 0.790737610484 |
| 11 | Friedman-mse | 50 | Log2 | 0.792806992557 |
| 12 | Friedman-mse | 100 | Log2 | 0.782267622281 |
| 13 | Absolute-error | 50 | None | 0.941826520793 |
| 14 | Absolute-error | 100 | None | 0.943730620275 |
| 15 | Absolute-error | 50 | Sqrt | 0.754204807567 |
| 16 | Absolute-error | 100 | Sqrt | 0.736271825003 |
| 17 | Absolute-error | 50 | Log2 | 0.803566613687 |
| 18 | Absolute-error | 100 | Log2 | 0.814531165813 |
| 19 | Poisson | 50 | None | 0.935302596941 |
| 20 | Poisson | 100 | None | 0.940305532700 |
| 21 | Poisson | 50 | Sqrt | 0.751018958084 |
| 22 | Poisson | 100 | Sqrt | 0.794059938968 |
| 23 | Poisson | 50 | Log2 | 0.807211019646 |
| 24 | Poisson | 100 | Log2 | 0.784791447866 |

* The Random Forest Regression R^2value (Criteron-Squared\_error;N-estimator=50;Max-features-None)== 0.94712165