|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | n\_estimators | Criterion | Max\_features | Accuracy |
| 1 | 50 | Squared\_error | sqrt | 0.75949 |
| 2 | 100 | Squared\_error | sqrt | 0.77024 |
| 3 | 50 | Squared\_error | Log2 | 0.78238 |
| 4 | 100 | Squared\_error | Log2 | 0.80901 |
| 5 | 50 | Squared\_error | None | 0.93410 |
| 6 | 100 | Squared\_error | None | 0.94526 |
| 7 | 50 | Squared\_error | sqrt | 0.78283 |
| 8 | 100 | Friedman\_mse | sqrt | 0.81773 |
| 9 | 50 | Friedman\_mse | Log2 | 0.76494 |
| 10 | 100 | Friedman\_mse | Log2 | 0.78537 |
| 11 | 50 | Friedman\_mse | None | 0.93834 |
| 12 | 100 | Friedman\_mse | None | 0.81087 |
| 13 | 50 | Absolute\_error | sqrt | 0.83664 |
| 14 | 100 | Absolute\_error | sqrt | 0.77396 |
| 15 | 50 | Absolute\_error | Log2 | 0.84059 |
| 16 | 100 | Absolute\_error | Log2 | 0.79911 |
| 17 | 50 | Absolute\_error | None | 0.94088 |
| 18 | 100 | Absolute\_error | None | 0.94638 |
| 19 | 50 | Poisson | sqrt | 0.70752 |
| 20 | 100 | Poisson | sqrt | 0.79621 |
| 21 | 50 | Poisson | Log2 | 0.75552 |
| 22 | 100 | Poisson | Log2 | 0.74741 |
| 23 | 50 | Poisson | None | 0.92806 |
| 24 | 100 | Poisson | None | 0.93642 |

Random Forest Hyperparameters:- n\_estimators(50,100),Criterion(squared\_error,friedman\_mse,absolute\_error,poisson),Max\_features(sqrt,log2,none)