|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | CRITERION | SPLITTER | MAX FEATURES | ACCURACY |
| 1 | Squared\_error | best | sqrt | 0.25741 |
| 2 | Squared\_error | random | sqrt | 0.84900 |
| 3 | Squared\_error | best | Log2 | 0.50690 |
| 4 | Squared\_error | random | Log2 | 0.11539 |
| 5 | Squared\_error | best | none | 0.90119 |
| 6 | Squared\_error | random | none | 0.63841 |
| 7 | Friedman\_mse | best | sqrt | 0.36864 |
| 8 | Friedman\_mse | random | sqrt | 0.76938 |
| 9 | Friedman\_mse | best | Log2 | 0.31830 |
| 10 | Friedman\_mse | random | Log2 | 0.85224 |
| 11 | Friedman\_mse | best | none | 0.90335 |
| 12 | Friedman\_mse | random | none | 0.75119 |
| 13 | Absolute\_error | best | sqrt | 0.40085 |
| 14 | Absolute\_error | random | sqrt | 0.44888 |
| 15 | Absolute\_error | best | Log2 | 0.02911 |
| 16 | Absolute\_error | random | Log2 | -0.15288 |
| 17 | Absolute\_error | best | none | 0.93999 |
| 18 | Absolute\_error | random | none | 0.75923 |
| 19 | Poisson | best | sqrt | 0.62313 |
| 20 | Poisson | random | sqrt | 0.52687 |
| 21 | Poisson | best | Log2 | 0.77686 |
| 22 | Poisson | random | Log2 | 0.41231 |
| 23 | Poisson | best | none | 0.91730 |
| 24 | Poisson | random | none | 0.88806 |

Decision tree parameters criterion ,splitter,max\_features