|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL No** | **Criterion** | **Splitter** | **Max\_Features** | **R score** |
| 1 | squared\_error | best | sqrt | 0.0941 |
| 2 | squared\_error | best | log2 | 0.6259 |
| 3 | squared\_error | random | sqrt | 0.7450 |
| 4 | squared\_error | random | Log2 | 0.5688 |
| 5 | friedman\_mse | best | sqrt | 0.7408 |
| 6 | friedman\_mse | best | log2 | 0.6148 |
| 7 | friedman\_mse | random | sqrt | 0.3344 |
| 8 | friedman\_mse | random | log2 | 0.1750 |
| 9 | absolute\_error | best | sqrt | 0.1088 |
| 10 | absolute\_error | best | log2 | 0.4983 |
| 11 | absolute\_error | random | sqrt | 0.7027 |
| 12 | absolute\_error | random | log2 | 0.3040 |
| 13 | poisson | best | sqrt | 0.9542 |
| 14 | poisson | best | log2 | 0.7562 |
| 15 | poisson | random | sqrt | 0.9288 |
| 16 | poisson | random | log2 | 0.7776 |

**Multi Linear Regression**