**R\_Score value for Decission Tree**

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| **S.NO** | **CRITERION** | **MAX\_FEATURES** | **SPLITTER** | **R\_SCORE** |
| 1 | Squarred\_error | sqrt | best | 0.73209 |
| 2 | Squarred\_error | Log2 | best | 0.519643 |
| 3 | Squarred\_error | sqrt | random | 0.128754 |
| 4 | Squarred\_error | Log2 | random | 0.182325 |
| 5 | Friedman\_mse | sqrt | best | 0.68264 |
| 6 | Friedman\_mse | sqrt | random | 0.433232 |
| 7 | Friedman\_mse | Log2 | best | 0.33927 |
| 8 | Friedman\_mse | Log2 | random | -0.0359 |
| 9 | Absolute\_error | sqrt | best | 0.87895 |
| 10 | Absolute\_error | sqrt | random | 0.55831 |
| 11 | Absolute\_error | Log2 | best | 0.80029 |
| 12 | Absolute\_error | Log2 | random | 0.81849 |
| 13 | poisson | sqrt | best | 0.78119 |
| 14 | Poisson | sqrt | random | 0.21720 |
| 15 | Poisson | Log2 | best | 0.53712 |
| 16 | poisson | Log2 | random | 0.31947 |

The highest R\_score value found is 0.81849 using criterion as abolute\_error.