| S.No | Criterion | Splitter | Max Feature | R\_Value |
| --- | --- | --- | --- | --- |
| 1 | Squared\_error | best | sqrt | 0.54999417746411643 |
| 2 | Squared\_error | best | log2 | 0.7068566406299608 |
| 3 | Squared\_error | random | sqrt | 0.38666212660843857 |
| 4 | Squared\_error | random | log2 | -0.2848348168791477 |
| 5 | friedman\_mse | best | sqrt | 0.5871556226693673 |
| 6 | friedman\_mse | best | log2 | 0.402777643456952 |
| 7 | friedman\_mse | random | sqrt | 0.5072526904430219 |
| 8 | friedman\_mse | random | log2 | 0.346499687069174 |
| 9 | absolute\_error | best | sqrt | 0.6493644230480817 |
| 10 | absolute\_error | best | log2 | 0.7068566406299608 |
| 11 | absolute\_error | random | sqrt | 0.5991146818852071 |
| 12 | absolute\_error | random | log2 | 0.882972341015747 |
| 1 | poisson | best | sqrt | 0.8538628798369731 |
| 2 | poisson | best | log2 | 0.5122205341510337 |
| 3 | poisson | random | sqrt | -0.06278334124939988 |
| 4 | poisson | random | log2 |  |
|  |  |  |  |  |
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