Decision Tree default R-square value is 0.7427525112372755

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No. | criterion | splitter | max\_features | R-sqare Value |
| 1 | squared\_error | best | sqrt | 0.4244482033928314 |
| 2 | squared\_error | best | log2 | 0.5844723896118151 |
| 3 | squared\_error | random | log2 | 0.4176958169279795 |
| 4 | squared\_error | random | sqrt | 0.5122272605584526 |
| 5 | friedman\_mse | random | sqrt | 0.516726127146681 |
| 6 | friedman\_mse | random | log2 | 0.2668515367744144 |
| 7 | friedman\_mse | best | log2 | 0.5753354915038282 |
| 8 | friedman\_mse | best | sqrt | 0.4663115145288408 |
| 9 | absolute\_error | best | sqrt | 0.6304607332643833 |
| 10 | absolute\_error | best | log2 | 0.13407600137532372 |
| 11 | absolute\_error | random | log2 | 0.8225795464460264 |
| 12 | absolute\_error | random | sqrt | 0.6225114524150177 |
| 13 | poisson | random | log2 | 0.5350311229175968 |
| 14 | poisson | random | sqrt | 0.8481066156938925 |
| 15 | poisson | best | sqrt | 0.46300185273885375 |
| 16 | poisson | best | log2 | 0.4316182726643276 |