Random Forest Regressor\_hyper paramenter with R2\_score values

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| Sl.No | n\_estimators=100 | criterion | max\_features | C\_Value |  |  |  |  |
| 1 | 100 | - | - | 0.9311274830400662 | Best model |  |  |  |
| 2 | 100 | squared\_error | sqrt | 0.8020653404735797 |  |  |  |  |
| 3 | 50 | squared\_error | squrt | 0.7945900621431058 |  |  |  |  |
| 4 | 100 | squared\_error | log2 | 0.8020653404735797 |  |  |  |  |
| 5 | 50 | squared\_error | log2 | 0.7945900621431058 |  |  |  |  |
| 6 | 100 | friedman\_mse | squrt | 0.7994149841456731 |  |  |  |  |
| 7 | 100 | friedman\_mse | log2 | 0.7994149841456731 |  |  |  |  |
| 8 | 50 | absolute\_error | sqrt | 0.779255107785152 |  |  |  |  |
| 9 | 50 | absolute\_error | log2 | 0.779255107785152 |  |  |  |  |
| 10 | 50 | poisson | sqrt | 0.7985722655219785 |  |  |  |  |
| 11 | 50 | poisson | log2 | 0.7985722655219785 |  |  |  |  |
| 12 | 100 | poisson | log2 | 0.8071095737085611 |  |  |  |  |
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