**Below Random Forest regression algorithm show all parameter and possible to get the R2 value.**

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| --- | --- | --- | --- |
| **S.NO** | **n\_estimators** | **criterion** | **R\_Value** |
| 1. | 10 | squared\_error | 0.9252 |
| 2. | 10 | absolute\_error | 0.9281 |
| 3. | 10 | friedman\_mse | 0.9206 |
| 4. | 10 | Poisson | 0.9304 |
| 5. | 30 | squared\_error | 0.9394 |
| 6. | 30 | absolute\_error | 0.9258 |
| 7. | 30 | friedman\_mse | 0.9293 |
| 8. | 30 | poisson | 0.9387 |
| 9. | 50 | squared\_error | 0.9446 |
| 10. | 50 | absolute\_error | 0.9401 |
| 11. | 50 | friedman\_mse | 0.9388 |
| 12. | 50 | Poisson | 0.9463 |
| 13. | 100 | squared\_error | 0.9460 |
| 14. | 100 | absolute\_error | 0.9459 |
| 15. | 100 | friedman\_mse | 0.9412 |
| 16. | 100 | poisson | 0.9413 |

In **Random Forest regression** check the R2 value using parameter ( Criterion : Poisson, n\_estimators : 50 (50 trees in the forest) ) = 0.9463