**Find the best model machine learning model**

**1.RANDOM FOREST:**

| Si.no | criterion | Tuning parameters | R value |
|---|---|---|---|
| **1.** | squared_error | n_estimators=50 | **0.94** |
| **2.** | squared_error | n_estimators=100 | **0.94** |
| **3.** | absolute_error | n_estimators=100 | **0.93** |
| **4.** | absolute_error | n_estimators=50 | **0.92** |
| **5.** | friedman_mse | n_estimators=100 | **0.94** |
| **6.** | friedman_mse | n_estimators=50 | **0.93** |
| **7.** | poisson | n_estimators=100 | **0.93** |
| **8.** | poisson | n_estimators=50 | **0.93** |
| **9.** | poisson | max_depth=None | **0.94** |
| **10.** | squared_error | max_depth=None | **0.93** |
| **11.** | absolute_error | max_depth=None | **0.95** |
| **12.** | friedman_mse | max_depth=None | **0.93** |
| **13.** | absolute_error | Random_state=none | **0.94** |
| **14.** | squared_error | Random_state=none | **0.94** |
| **15.** | friedman_mse | Random_state=none | **0.93** |
| **16.** | poisson | Random_state=none | **0.93** |
| **17.** | friedman_mse | bootstrap=True | **0.94** |
| **18.** | poisson | bootstrap=True | **0.92** |
| **19.** | squared_error | bootstrap=True | **0.94** |
| **20.** | absolute_error | bootstrap=True | **0.94** |