|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| s.no | n\_estimators | criterion | Max\_Feautures | R2\_score |
| 1 | 50 | Squared\_error | None | 0.9137315293673478 |
| 2 | 100 | Squared\_error | None | 0.9199172460907288 |
| 3 | 50 | Squared\_error | Sqrt | 0.7792119675250705 |
| 4 | 100 | Squared\_error | Sqrt | 0.7781257562213978 |
| 5 | 50 | Squared\_error | Log2 | 0.7792119675250705 |
| 6 | 100 | Squared\_error | Log2 | 0.7781257562213978 |
| 7 | 50 | friedman\_mse | None | 0.9148637420129256 |
| 8 | 100 | friedman\_mse | None | 0.9238704530910798 |
| 9 | 50 | friedman\_mse | Sqrt | 0.7935239428404471 |
| 10 | 100 | friedman\_mse | Sqrt | 0.785426753826995 |
| 11 | 50 | friedman\_mse | Log2 | 0.7935239428404471 |
| 12 | 100 | friedman\_mse | Log2 | 0.785426753826995 |
| 13 | 50 | absolute\_error | None | 0.9231903919318252 |
| 14 | 100 | absolute\_error | None | 0.9264600554239872 |
| 15 | 50 | absolute\_error | Sqrt | 0.7900027618411419 |
| 16 | 100 | absolute\_error | Sqrt | 0.8017216588792825 |
| 17 | 50 | absolute\_error | Log2 | 0.7900027618411419 |
| 18 | 100 | absolute\_error | Log2 | 0.8017216588792825 |
| 19 | 50 | poisson | None | 0.9054795775570251 |
| 20 | 100 | poisson | None | 0.9225179009250478 |
| 21 | 50 | poisson | Sqrt | 0.7402636930001383 |
| 22 | 100 | poisson | Sqrt | 0.749999846088909 |
| 23 | 50 | poisson | Log2 | 0.7402636930001383 |
| 24 | 100 | poisson | Log2 | 0.749999846088909 |

Best Performance: (100, absolute\_error, None)= 0.9264600554239872