|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Machine Learning Hyper tuning experiment** | | | |  |  |
| **Decision \_Tree** | | | |  |  |
| **S.No** | **Criterion** | **Splitter** | **R. Score Value** |  |  |
| 1 | squared\_error | Best | 0.91 |  |  |
| 2 | squared\_error | Random | 0.74 |  |  |
| 3 | friedman\_mse | Best | 0.9 |  |  |
| 4 | friedman\_mse | Random | 0.92 |  |  |
| 5 | absolute\_error | Best | 0.93 |  |  |
| 6 | absolute\_error | Random | 0.89 |  |  |
| 7 | poisson | Best | 0.92 |  |  |
| 8 | poisson | Random | 0.84 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| *The above table best model is ( "absolute\_error" - "Best" - "0.93" )* | | | | | |

**Decision Tree - Machine Learning Hyper tuning experiment**