1.DECISION\_TREE:

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Criterion** | **Splitter** | **R-value** |
| **1** | **squared error** | **best** | **0.899701056** |
| **2** | **squared error** | **random** | **0.928328256** |
| **3** | **friedman\_mse** | **best** | **0.910700159** |
| **4** | **friedman\_mse** | **random** | **0.905696248** |
| **5** | **absolute error** | **best** | **0.969984838** |
| **6** | **absolute error** | **random** | **0.900900341** |
| **7** | **poisson** | **best** | **0.915962945** |
| **8** | **poisson** | **random** | **0.732415501** |

The Decision Tree Regression use R² value (Mae, auto, random) =**0.969984838**