**1.SUPPORT VECTOR MACHINE:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.NO | Kernal | C =10  R\_value | C=100  R\_value | C=1000  R\_value |
| 1 | linear | -0.0396 | 0.1064 | 0.7802 |
| 2 | rbf | -0.0561 | -0.0502 | 0.0067 |
| 3 | poly | -0.0536 | -0.0198 | 0.2661 |
| 4 | sigmoid | -0.0540 | -0.0304 | 0.1850 |

**2. DECISION TREE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **CRITERION** | **SPLITTER**  **Best(r\_value)** | **SPLITTER**  **Random(r\_value)** |
| **1** | **squared\_error** | **0.9149** | **0.6750** |
| **2** | **friedman\_mse** | **0.9043** | **0.5647** |
| **3** | **absolute\_error** | **0.9508** | **0.7503** |
| **4** | **poisson** | **0.9271** | **0.8087** |