|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO | HYPER  PARAMETER | LINEAR | RBF | POLY | SIGMOID |
| 1 | C=0.01 | 0.9206 | -0.1257 | -0.1257 | -0.1257 |
| 2 | C=100 | -74.9753 | -0.1076 | 0.4143 | -0.1288 |
| 3 | C=1.0 | 0.9198 | -0.1257 | -0.1247 | 0.8150 |
| 4 | C=0.001 | 0.9198 | -0.1257 | -0.1257 | -0.1257 |
| 5 | C=200 | -309.989 | -0.0883 | 0.5857 | -0.1319 |
| 6 | C=300 | -704.384 | -0.0571 | 0.5909 | -0.1350 |

2. SUPPORT VECTOR MACHINE ::

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNO | CRITERION | MAX FEATURE | SPLITTER | R SCORE |
| 1 | Squared\_error | Sqrt | Best | 0.5409 |
| 2 | Squared\_error | Sqrt | Random | 0.5048 |
| 3 | Squared\_error | Auto | Best | 0.8801 |
| 4 | Squared\_error | Auto | Random | 0.9612 |
| 5 | Squared\_error | Log2 | Best | -0.4818 |
| 6 | Squared\_error | Log2 | Random | 0.6063 |
| 7 | Friedman\_mse | Sqrt | Best | 0.5387 |
| 8 | Friedman\_mse | Sqrt | Random | 0.9408 |
| 9 | Friedman\_mse | Auto | Best | 0.8800 |
| 10 | Friedman\_mse | Auto | Random | 0.8564 |
| 11 | Friedman\_mse | Log2 | Best | 0.6490 |
| 12 | Friedman\_mse | Log2 | Random | -0.6084 |
| 13 | Absolute\_error | Sqrt | Best | 0.0389 |
| 14 | Absolute\_error | Sqrt | Random | 0.7754 |
| 15 | Absolute\_error | Auto | Best | 0.8836 |
| 17 | Absolute\_error | Log2 | Best | 0.5348 |
| 18 | Absolute\_error | Log2 | Random | -0.0034 |
| 19 | Poisson | Sqrt | Best | 0.5398 |
| 20 | Poisson | Sqrt | Random | 0.5331 |
| 21 | Poisson | Auto | Best | 0.8468 |
| 22 | Poisson | Auto | Random | 0.9114 |
| 23 | Poisson | Log2 | Best | 0.8326 |
| 24 | Poisson | Log2 | Random | 0.8443 |

3.DECISION TREE