1. Support Vector Machines

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| Sno | HYPER  PARAMETER | LINNEAR  (R VALUE) | RBF  (R VALUE) | POLY  (R\_VALUE) | SIGMOID  (R\_VALUE) |
| 1 | C10 | -0.13053 | -0.05747 | -7.85328 | -0.05274 |
| 2 | C100 | -1.29422 | -0.05740 | -7.85328 | -0.01860 |
| 3 | C1000 | -1.42600 | -0.05958 | -7.37262 | -0.32215 |
| 4 | C10000 |  | -0.06630 | -5.054874 | -4.55171 |
| 5 | C100000 |  | -0.13223 | -3.09732 | -10.09255 |

1. Decision tree

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| Sno | criterion | splitter | R\_score |
| 1 | *squared\_error* | best | 0.92141 |
| 2 | *squared\_error* | Random | 0.90695 |
| 3 | *friedman\_mse* | best | 0.93708 |
| 4 | *friedman\_mse* | Random | 0.92511 |
| 5 | *absolute****\_****error* | best | 0.94859 |
| 6 | *absolute****\_****error* | Random | 0.90101 |
| 7 | *Poisson* | best | 0.91989 |
| 8 | *poisson* | Random | 0.993228 |