1. **Multiple Linear Regression (R2 value )=0.7894**
2. **Support Vector Machine Regression (R2 Value)**:

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| S.NO | HYPER PARAMETER | LINEAR  (R VALUE) | RBF(NON LINEAR)  (R VALUE) | POLY  (R VALUE) | SIGMOID  (R VALUE) |
| 1 | C10 | -0.0016 | -0.0819 | -0.0931 | -0.0907 |
| 2 | C100 | 0.5432 | -0.1248 | -0.0997 | -0.1181 |
| 3 | C500 | 0.6270 | -0.1246 | -0.0820 | -0.4562 |
| 4 | C1000 | 0.6340 | -0.1174 | -0.0555 | -1.6659 |
| 5 | C2000 | 0.6893 | -0.1077 | -0.0027 | -5.6164 |
| 6 | C3000 | 0.7590 | -0.0962 | 0.0489 | -12.01904 |

The SVM Regression use R2 value linear and hyper parameter (C3000) = 0.7590

1. **Decision Tree Regressor (R2 Value):**

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| S.NO | CRITERION | MAX FEATURES | SPLITTER | R2 VALUE |
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