|  |  |  |
| --- | --- | --- |
| S.no | Model | Accuracy(using r2\_score) |
| 1 | Multiple linear | 0.9999999792729631 |
| 2 | Multiple linear with backward | 0.9999999792693921 |
| 3 | Svr | 0.9645675328128833 |
| 4 | Random forest | 0.9372087444524553 |
| 5 | Polynomial | 0.9985298507794019 |
|  |  |  |
|  |  |  |

Car\_Purchasing\_Regression Models

As multiple linear and polynomial seems overfit Svr and Random Forest are best suitable models

And on basis of accuracy the best regression model is SVR

ANN model