Agila_Subash_Course3Task3

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Problem Statement:

Algorithms and Results:

Results:

SVM_Linear2:

Random Forest:

GBM:

Algorithms selected:

Sales Predictions:

Impact of Customer and Serv...


```
> summary(resamps)

Call:
summary.resamples(object = resamps)

Models: gbm, rf, svm
Number of resamples: 4

MAE
         Min.  1st Qu.   Median     Mean  3rd Qu.     Max. NA's
gbm 253.85266 316.2555 341.9461 436.0498 461.7404 806.4543    0
rf   79.22917 174.5575 229.3550 299.2318 354.0292 658.9879    0
svm 113.86046 202.7616 275.5528 277.5584 350.3496 445.2674    0

RMSE
        Min.  1st Qu.   Median     Mean  3rd Qu.     Max. NA's
gbm 330.0238 420.7403 462.7133 939.5571 981.5301 2502.778    0
rf  176.5270 377.1195 464.9650 876.2301 964.0756 2398.463    0
svm 226.3173 498.8421 620.4004 751.3760 872.9342 1538.386    0

Rsquared
         Min.   1st Qu.    Median      Mean   3rd Qu.      Max. NA's
gbm 0.3970111 0.6373247 0.7561711 0.6681706 0.7871169 0.8633293    0
```