Analytics Vidya

Tuesday, August 28, 2018   10:12 AM

LR
Model Report
RMSE : **1128**
CV Score : Mean - **1129** | Std - 43.15 | Min - 1075 | Max - 1210

Ridge Regression
Model Report
RMSE : **1129**
CV Score : Mean - **1130** | Std - 44.23 | Min - 1076 | Max - 1216

Decission Tree
Model Report
RMSE : **1059**
CV Score : Mean - **1094** | Std - 43.45 | Min - 1013 | Max - 1180

Decision Tree with imp variables
Model Report
RMSE : **1071**
CV Score : Mean - **1096** | Std - 43.3 | Min - 1027 | Max - 1172

Random Forest n_estimators=200,max_depth=5, min_samples_leaf=100,n_jobs=4
RMSE : **1073**
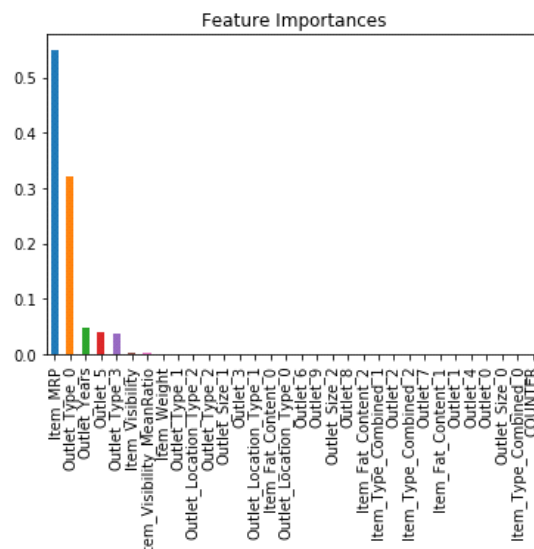CV Score : Mean - **1084** | Std - 43.58 | Min - 1020 | Max - 1159
__main__:406: SettingWithCopyWarning:

RandomForestRegressor(n_estimators=400,max_depth=6,
min_samples_leaf=100,n_jobs=4)
RMSE : **1068**
CV Score : Mean - **1082** | Std - 43.3 | Min - 1019 | Max - 1158

Feature Importances

ensemble.GradientBoostingRegressor
Model Report
RMSE : **1037**
CV Score : Mean - **1082** | Std - 44.67 | Min - 1020 | Max - 1173

My Rank	450	Score	1152.8485460776

XGBRegressor
Model Report
RMSE : **1054**
CV Score : **Mean - 1080** | Std - 45.96 | Min - 1013 | Max - 1177

From <https://datahack.analyticsvidhya.com/contest/practice-problem-big-mart-sales-iii/lb>

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