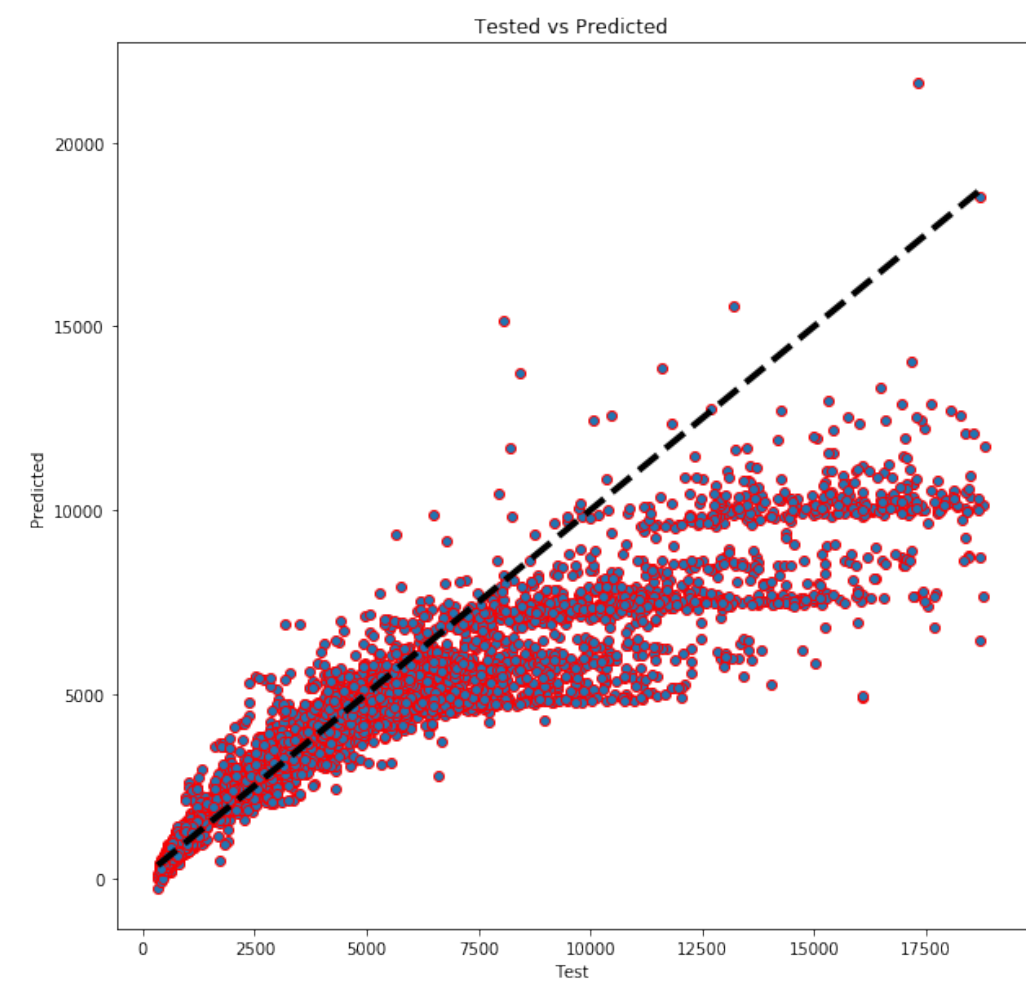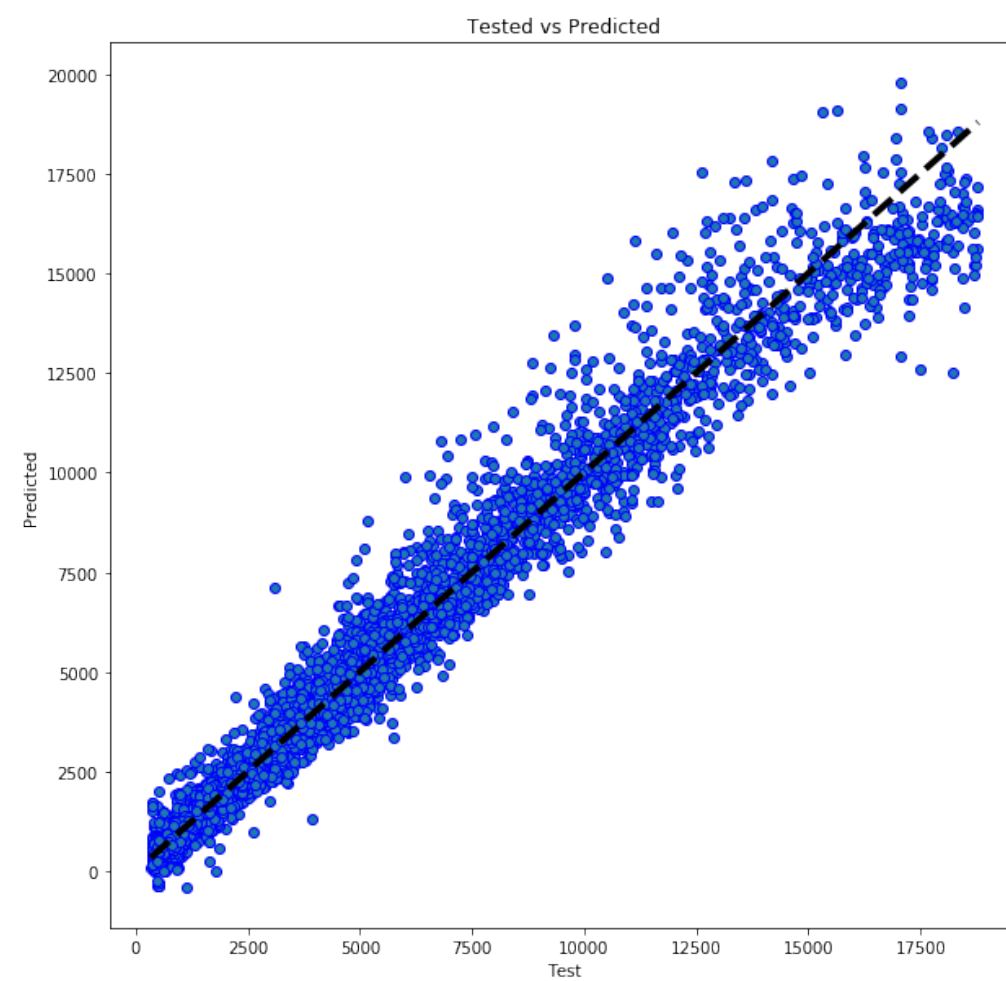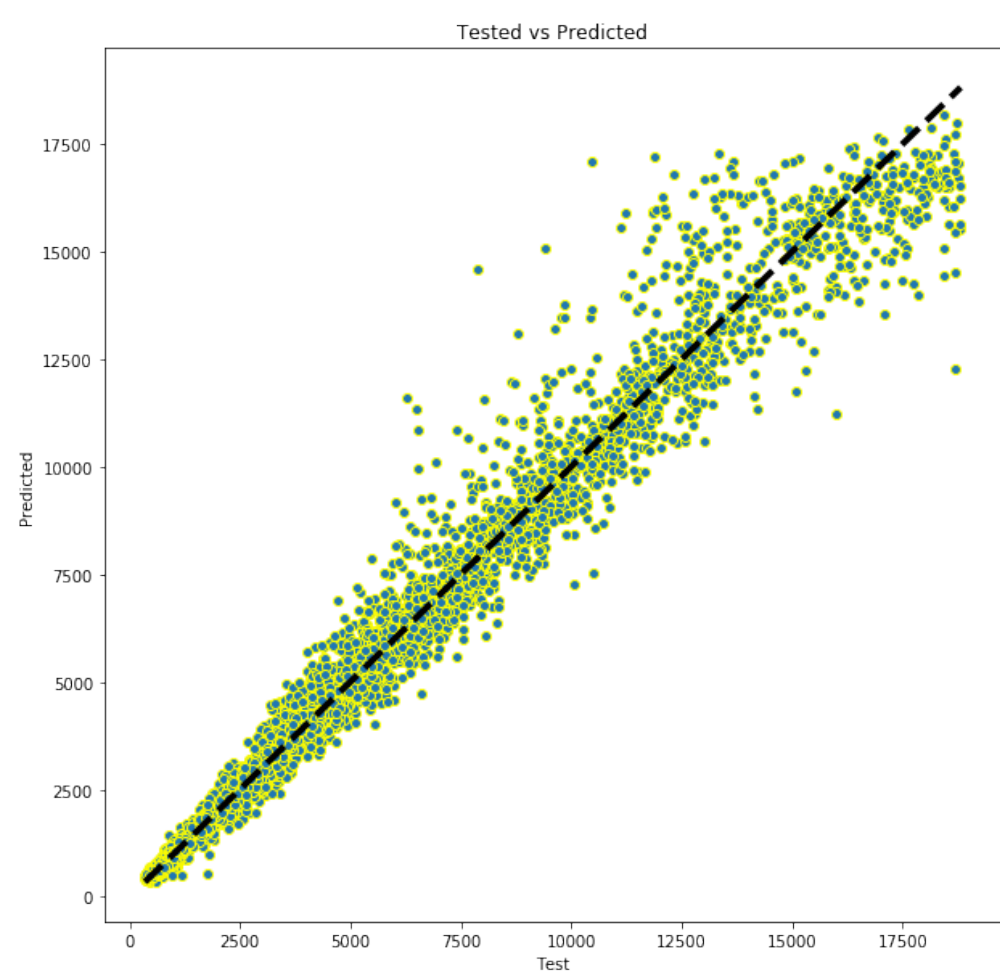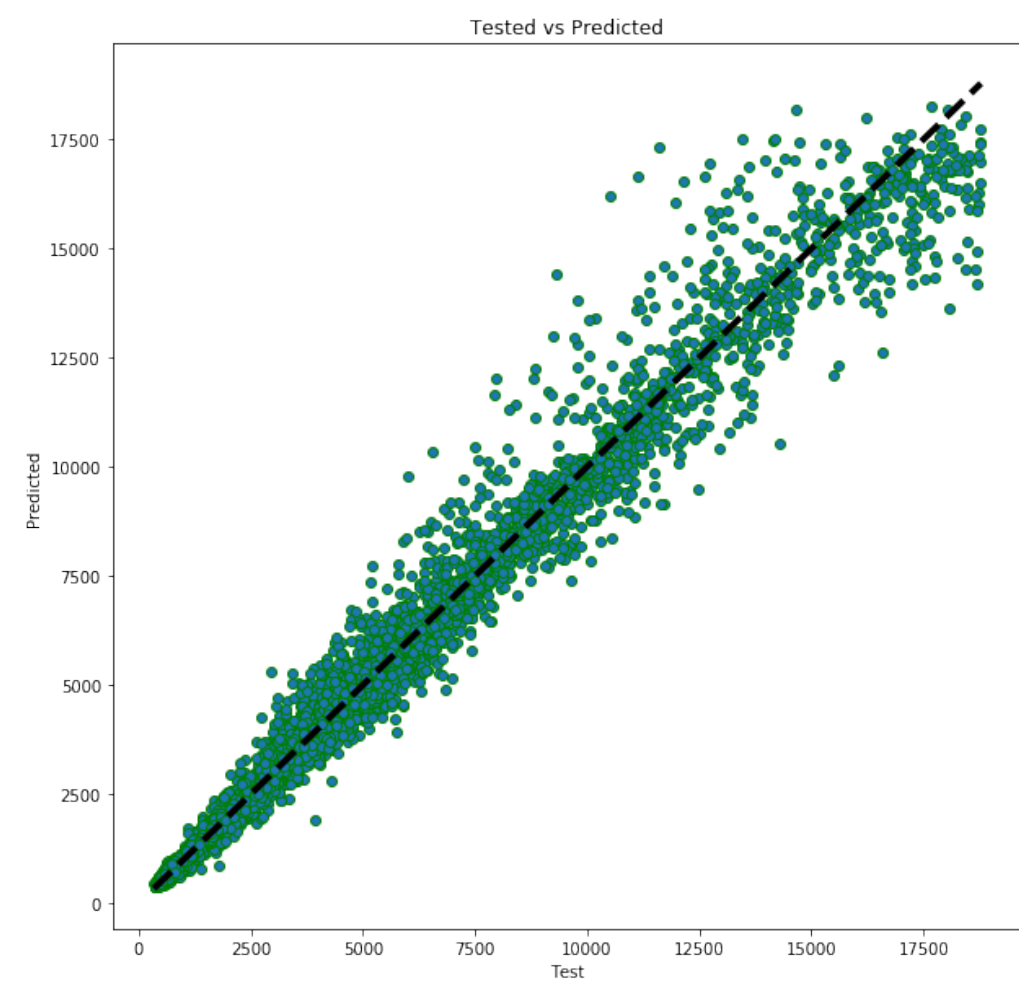# Model Predictions
Price of Diamonds

Metrics	Random Forest Regressor	Hist Gradient Boosting Regressor	Gradient Boosting Regressor	Support Vector Regression
RMSE	558.030378384907	588.816624808426	641.845185254711	1849.48766130671
R2	0.980126028480799	0.97821173266255	0.973707640934712	0.777108703812088

Correlation was studied for this analysis:
Columns 'x','y','z' were removed from the analysis
Column 'id' was removed

Get Dummies was used for the column 'cut'
Numerical value was used in columns 'color' and 'clarity'