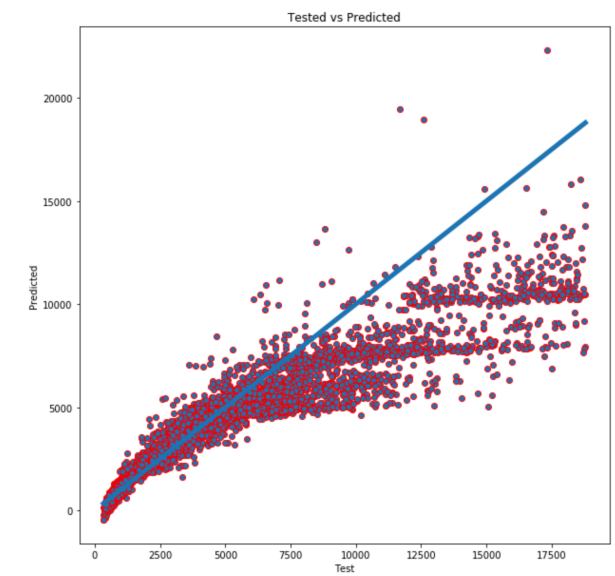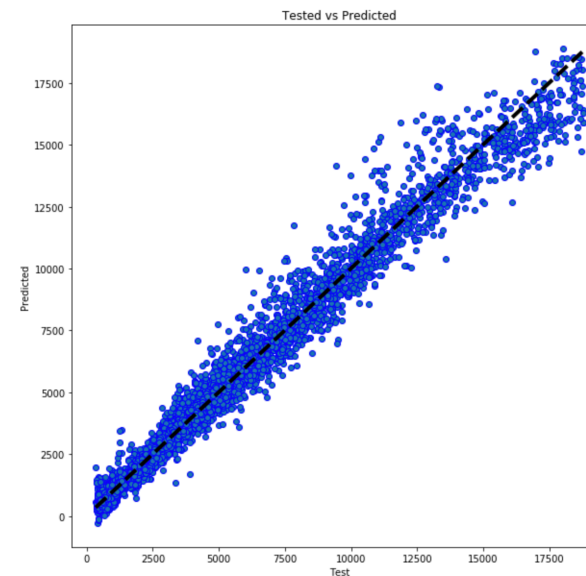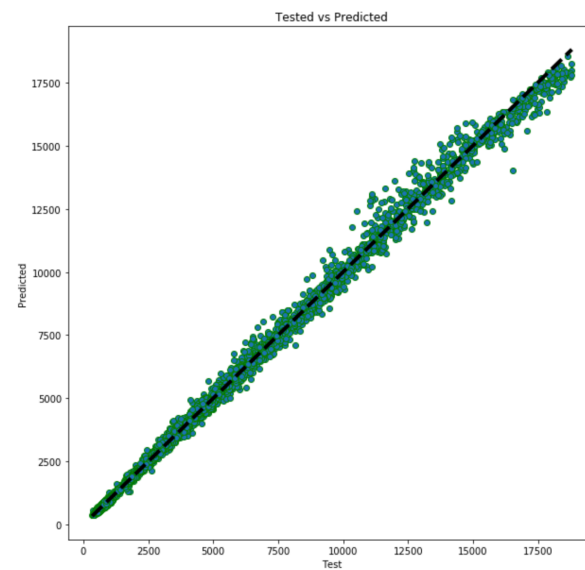# Prediction
## Price of Diamonds



| Metrics | Random Forest Regressor | Gradient Boosting Regressor | Support Vector Regression |
| --- | --- | --- | --- |
| RMSE | 559.75864601471 | 617.96063223662 | 1910.98610897894 |
| R2 | 0.9800029338149 | 0.97562803213335 | 0.770845846282569 |
| Score (X_train, y_train) | 0.99721813821375 | 0.98072832175321 | 0.772604332563041 |
| Score (X_test, y_test) | 0.9800029338149 | 0.97562803213335 | 0.770845846282569 |