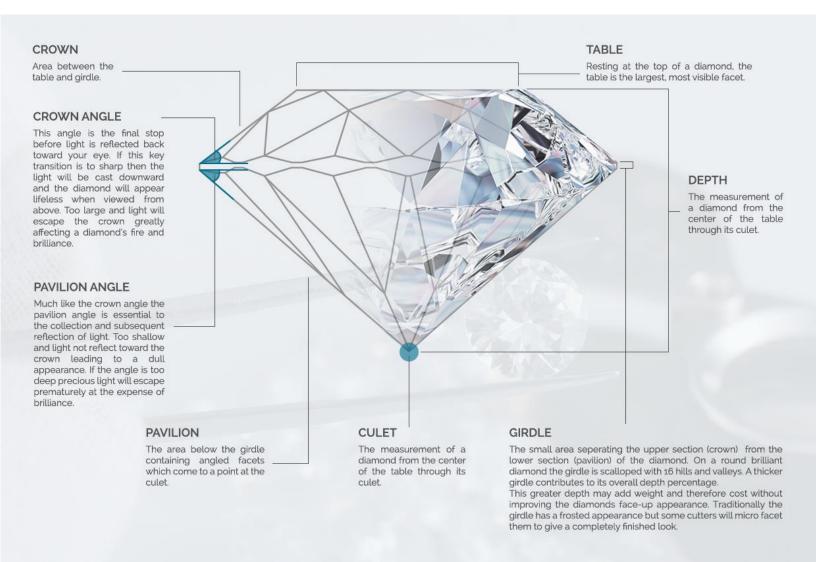


Diamonds Price Prediction



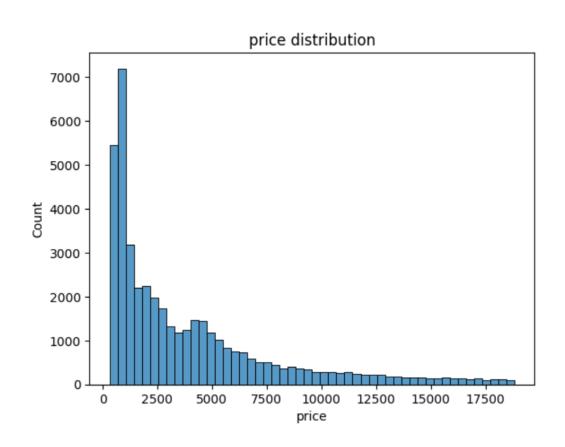






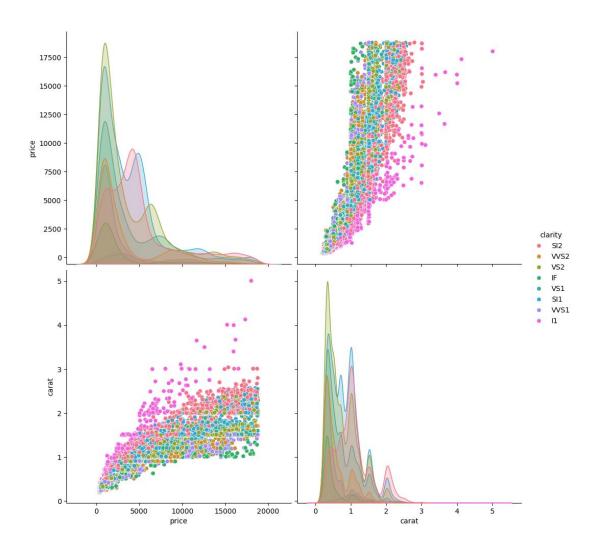






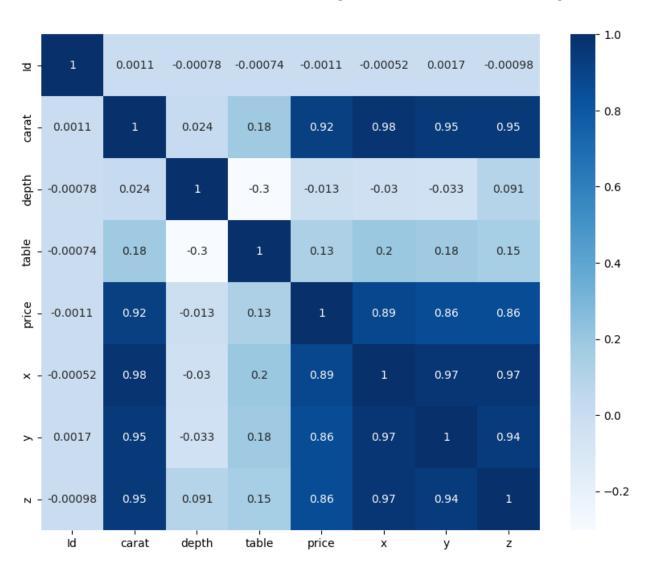






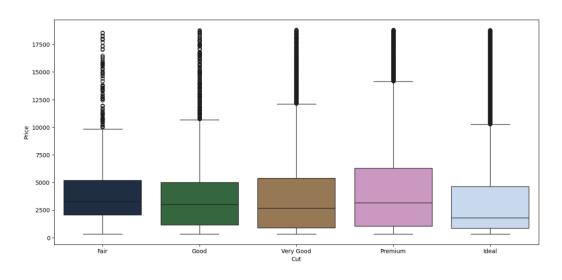


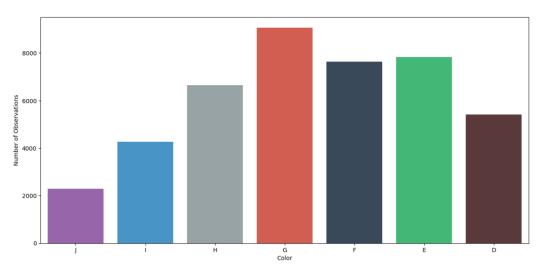






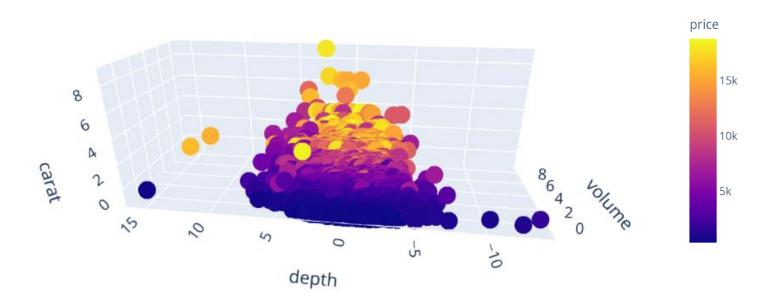








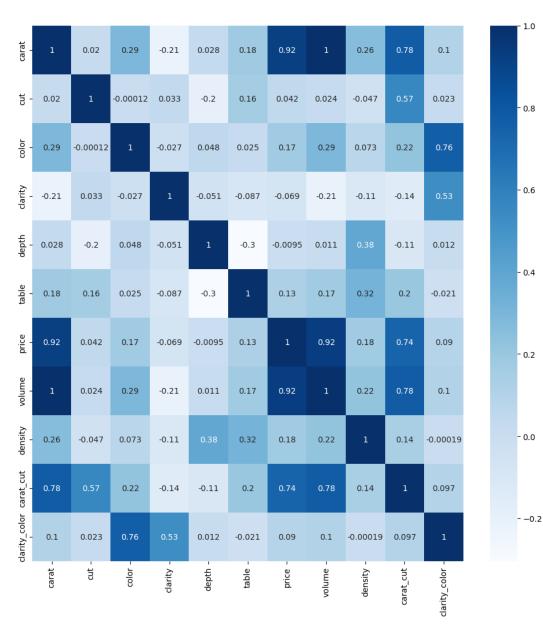








Create New Features







Models Results

	Model	R^2	MSE	RMSE	MAE	Adjusted R ²
0	LinearRegression	0.8845	1.808432e+06	1344.779468	917.655156	0.8844
1	Decision Tree Regressor	0.9668	5.201055e+05	721.183387	361.846435	0.9667
2	Random Forest Regressor	0.9823	2.775824e+05	526.860850	272.109677	0.9823
3	XGBRegressor	0.9808	3.003596e+05	548.050699	279.253440	0.9808
4	XGBRegressor best estimator	0.9821	2.807258e+05	529.835678	269.643746	0.9821



