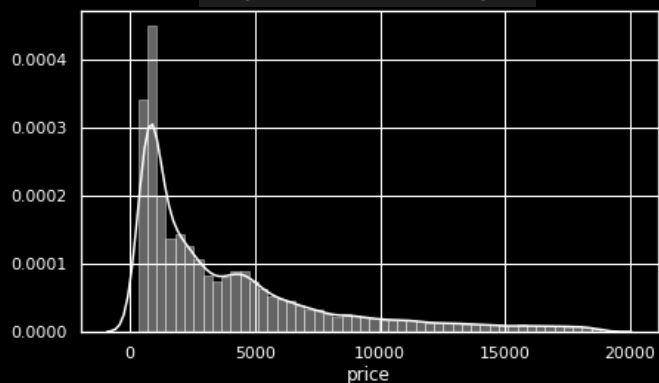# PREDICTING THE PRICE OF A DIAMOND
Supervised Machine Learning
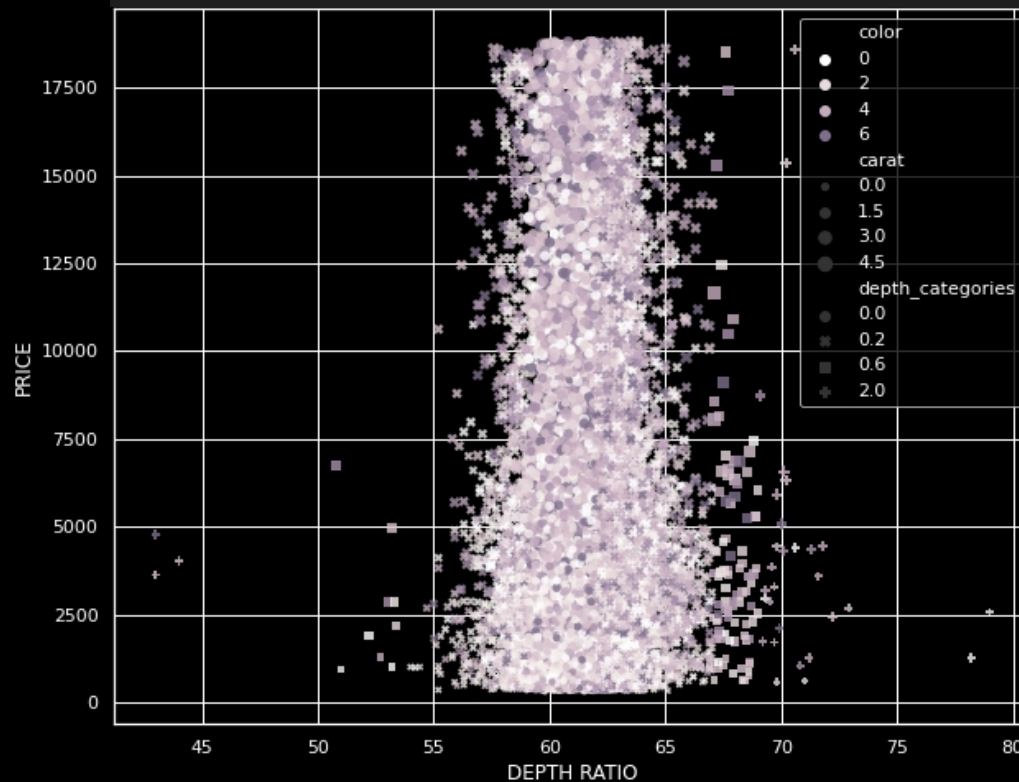## Optimizing RMSE ~ 529

```
data  = 'numfeats_qd'
model = GradientBoostingRegressor(
            n_estimators=1100,
            random_state=1)
```

Distribution of `y`
(Diamond Prices)

Comparing diamond price, color, carat, and depth-category

Diamond 'depth categories', from best to worst depth-ratio