MODELS
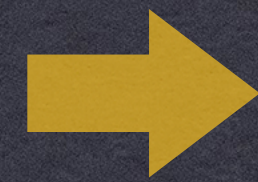
DecisionTreeRegressor(),
RandomForestRegressor(),
ExtraTreesRegressor(),
GradientBoostingRegressor(),
HistGradientBoostingRegressor(),
VotingRegressor(
      [('etr', ExtraTreesRegressor()),
      ('rf', RandomForestRegressor())]
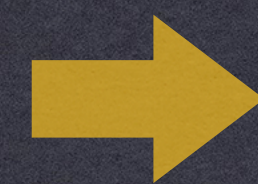
PARAMETERS SELECTOR

GridSearchCV

MEAN SCORE

520 $

BEST MODEL

VotingRegressor(
      [('etr', ExtraTreesRegressor()),
      ('rf', RandomForestRegressor())]

METRICS

explained_variance_score(y_test,y_pred),
max_error(y_test,y_pred),
mean_absolute_error(y_test,y_pred),
np.sqrt(mean_squared_error(y_test,y_pred)),
r2_score(y_test,y_pred)

SCORES COMPARATIVE

cross_val_score

DIAMOND COMPETITION

JAVIER MARTÍNEZ