R_score Value with screenshot

XG Boost Algorithm (r_score value) = 0.8909

```
from xgboost import XGBRegressor
regressor=XGBRegressor(enable_categorical=True,n_estimators=300,booster='dart',max_dep
regressor.fit(x_train,y_train)
```

[99]:

XGBRegressor

```
XGBRegressor(base_score=None, booster='dart', callbacks=None,
             colsample_bylevel=None, colsample_bynode=None,
             colsample_bytree=None, device=None, early_stopping_rounds=None,
             enable_categorical=True, eval_metric=None, feature_types=None,
             feature_weights=None, gamma=None, grow_policy=None,
             importance_type=None, interaction_constraints=None,
             learning_rate=0.01, max_bin=None, max_cat_threshold=None,
             max_cat_to_onehot=None, max_delta_step=None, max_depth=3,
             max_leaves=None, min_child_weight=None, missing=nan,
             monotone_constraints=None, multi_strategy=None, n_estimators=300,
             n_jobs=None, num_parallel_tree=None, ...)
```

[ ]:

```
import xgboost
print(xgboost.__version__)
```

[101]:

```
#Evaluating the model

y_pred=regressor.predict(x_test)
from sklearn.metrics import r2_score
r_score=r2_score(y_test,y_pred)
```

[103]:

```
r_score
```

[103]:

```
0.8909911478135615
```