

R_score Value with screenshot

LG Boost Algorithm (r_score value) = 0.8750

```
[193]: #Model creation
```

```
from lightgbm import LGBMRegressor
regressor=LGBMRegressor(boosting_type='dart',n_estimators=200)
regressor.fit(x_train,y_train)
```

```
[LightGBM] [Info] Auto-choosing col-wise multi-threading, the overhead of t
You can set `force_col_wise=true` to remove the overhead.
```

```
[LightGBM] [Info] Total Bins 315
```

```
[LightGBM] [Info] Number of data points in the train set: 936, number of us
```

```
[LightGBM] [Info] Start training from score 13232.916456
```

```
[193]: LGBMRegressor
```

```
LGBMRegressor(boosting_type='dart', n_estimators=200)
```

```
[195]: #Evaluating the model
```

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

```
[197]: r_score
```

```
[197]: 0.8750147494542122
```

```
[ ]:
```