

Model Evaluation

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Project name	MACHINE LEARNING BASED VEHICLE PERFORMANCE ANALYZER

In regression models, R^2 corresponds to the squared correlation between the observed outcome values and the predicted values by the model. The higher the R-squared, the better the model.

```
from sklearn.metrics import r2_score
accuracy = r2_score(y_test,r)
accuracy
```

```
0.8895183205874634
```

Save our model by importing pickle file.

```
#Save the model
import pickle
pickle.dump(d,open('regression.pkl','wb'))
```