

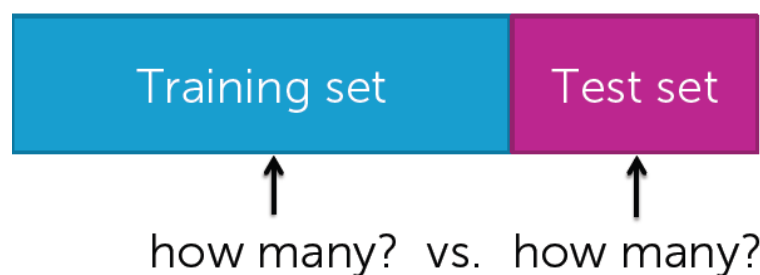
ASSESSING PERFORMANCE

How my Model is going to work in Real time?

To validate the Model in real time, we will divide the received sample data in to two parts.

Trained data ----> 70%

Test data ----> 30%



Trained data: The data which I am going to use to build the model.

Test data: Once I build the model, I will test the data weather my model is working fine in real time or not.

These can be validated only when we have enough sample data.

★ Whatever the model is predicted on training data and tested on test data even though if is not worked on real time then how?

So, I need to try the different models like

Ex:

$$Y = B_0 + B_1X_1$$

$$Y = B_0 + B_1X_1 + B_2x_1^2$$

★ In all the above models, whichever we are getting the less test error that model is to be finalized.

So, the question is how to find which model is having less test error?