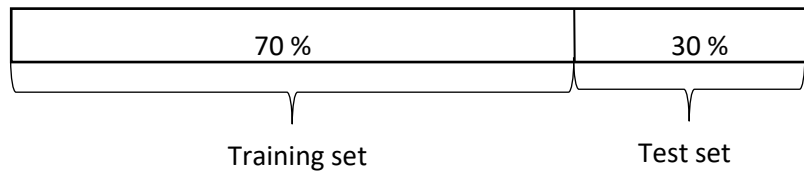


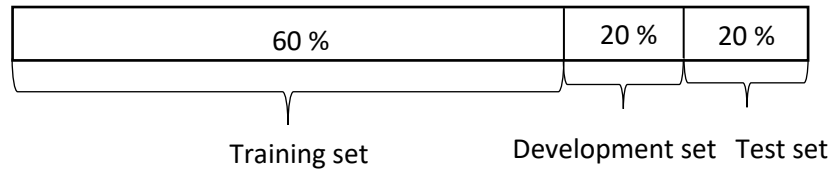
## Size of the development and test sets

### Old way of splitting data

We had smaller data set therefore we had to use a greater percentage of data to develop and test ideas and models.

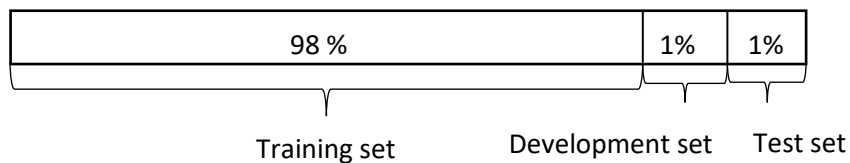


Or



### Modern era – Big data

Now, because a large amount of data is available, we don't have to compromise as much and can use a greater portion to train the model.



### Guidelines

- Set up the size of the test set to give a high confidence in the overall performance of the system.
- Test set helps evaluate the performance of the final classifier which could be less 30% of the whole data set.
- The development set has to be big enough to evaluate different ideas.