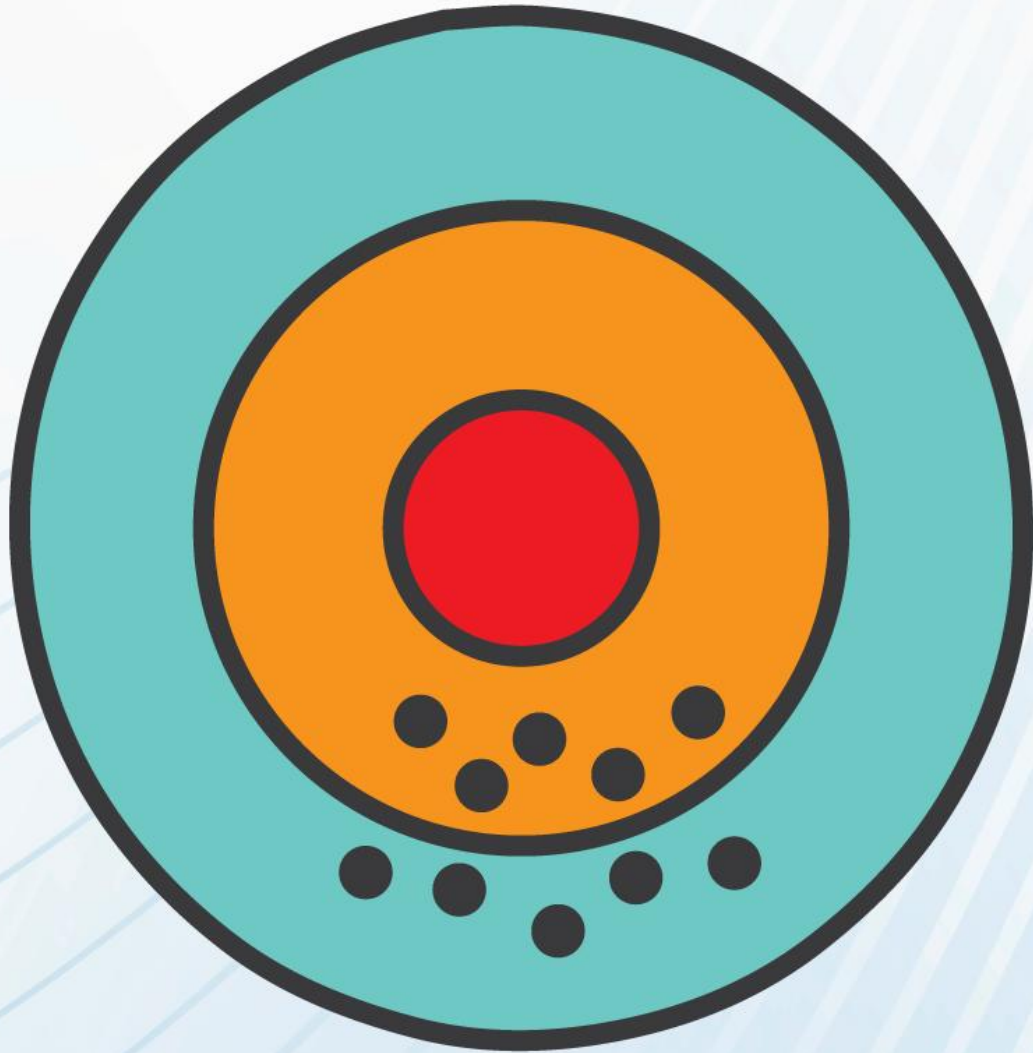
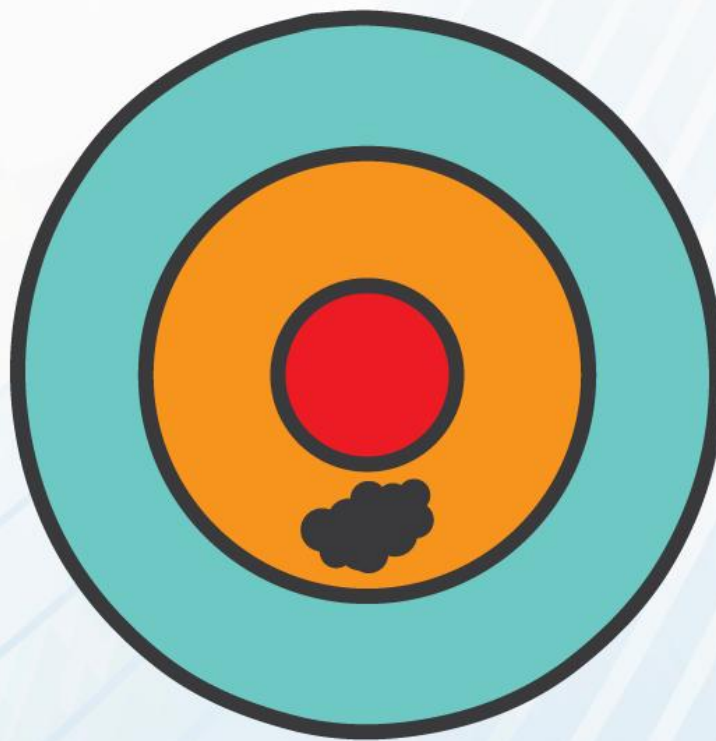


# BIAS AND VARIANCE

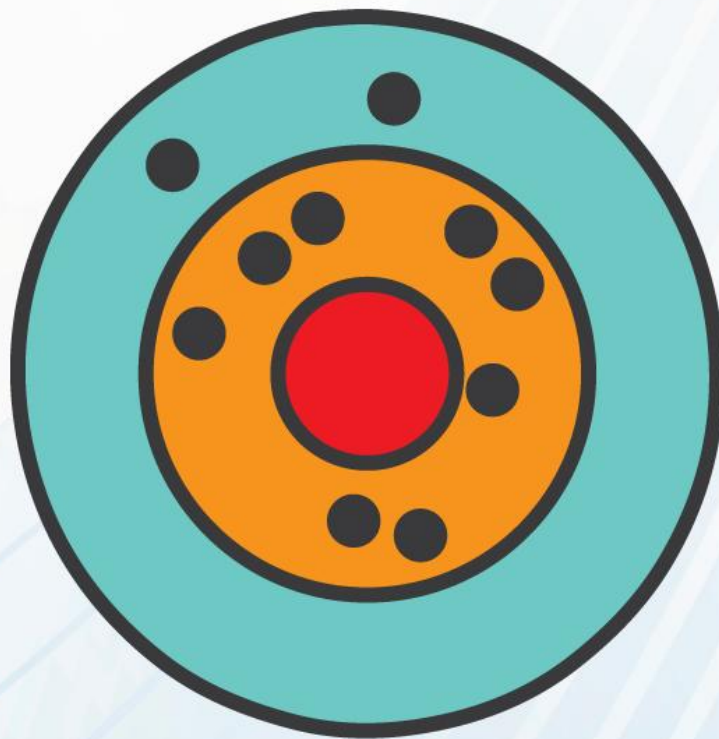


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# Bias

Bias is the difference between the average prediction of our model and the correct value which we are trying to predict. Model with high bias means the model is not "fitting" well on the training set.



# Variance

Variance is the variability of model prediction for a given data point or a value which tells us the spread of our data. Model with high variance means that the model is not able to make accurate predictions on the validation set

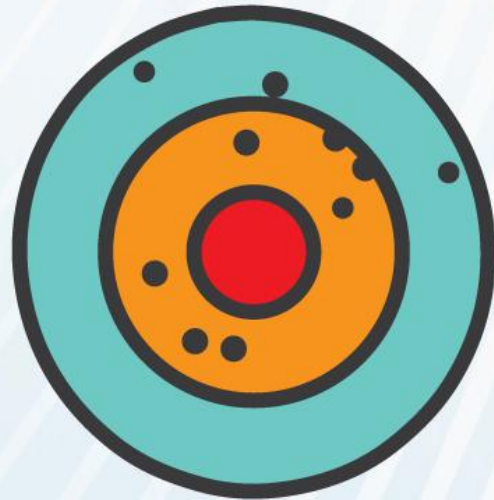
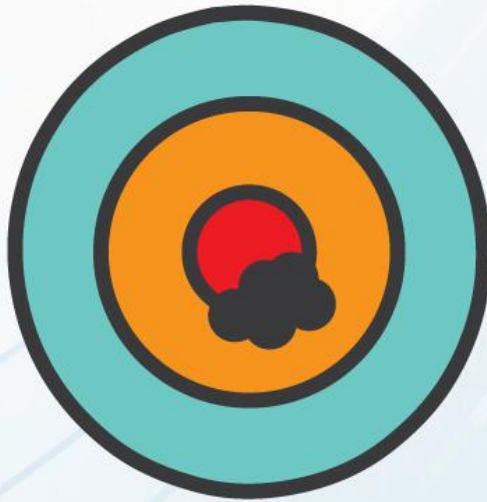




Low Variance

High Variance

Low Bias



High Bias





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