Outliers

How to calculate outlier

Z-score method

Suppose you have data set and it's mean is 'u' and standard deviation is 'sigma'

Convert this data set into Standard normal dataset which has mean = 0 and 'sigma' as 1

$$Z = (x - u)$$

sigma

If and dataset falls:

Z <= 3, Not and outlier else

Z > 3, Outlier

IQR method

Calculate the 25th %ile and 75th %ile of your data set

Anything that lie outside Lower bound and Upper bound is an outlier