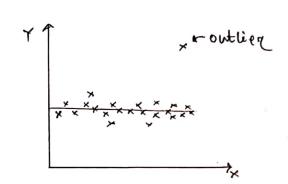
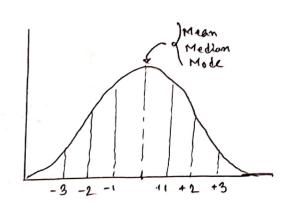
Outlier





Standard Deviation describes how for the data is from Mean. A Types of Outlier Detection Technique!

- 3 standard Deriotion! Figure out Higher limit and lower limit based on 34 standard deriotion and consider as outlier the points we get outside those limits.
 - 2 Z Score: calculate 2 score

7 = x-le [: le=mean, 5 = standard derintim]

Here, -3<2<3. Points outside this range is consider as outlier.

Note: 3 is industry convention.

3) Pencentile! Pencentile is a measure indicating the value below which a given pencentage of absenvations in a group of observations falls.

Example!

name	test score (from 100)	percentage	Pencentil-e
O	69	69%	100.0%
Ь	56	56%	50%
C	45	45%	25%
d	. 32	32%	12%.
e	27	27/	OY.
<u>t</u>	65	65%	75%
A	. 61	61y.	627
Κ.	66	66x.	674
7	45	45%	2.5%

a it means below on all data below this value.

a it means there is no data below this