

	5-Number Summery
	Percentage = (Mork Obtain) X100 Total Morle)
	BD. DM /CCE
Ĺ	91°16 92°10 98°10
Population	
	Total equal 100 posts. 1st 23°10 -) Rank
	X
6	uantile
	- Duentile are statistical measure
	use to divide a set of numerical data into
	equal-size group, each group Contein
	equal 10. of observation.
	<i>'</i>
6	luorfile en Divide tre Dota into four equal
	25°10/25°10/25°10/25°10

Outlier Octesion

	ntile - Divide tre paler into five equal font
Dec	The 2- Diride the Dater into Ten equal port
	rcentile Dévide data into 100 equal
Note	Data Should be sorted Low to high
	2) you are basically fraction the Location or Endox position of observation.
	3) They are not actual value in data.
Perc	entile 2 - Divide the dates into 100 eques ports.
	for ex - the 75th percentile To the value below which 75°/0 pf the observation in the dateset
	PL = P (N+1)
	PL + Location procedient porter percentile vonte

Data =
$$78, 82, 84, 88, 91, 93, 94, 96, 98, 99$$

Ou - find the $75m$ percentile Score.

N=10 P=75

PL=75 (10+1) = 700

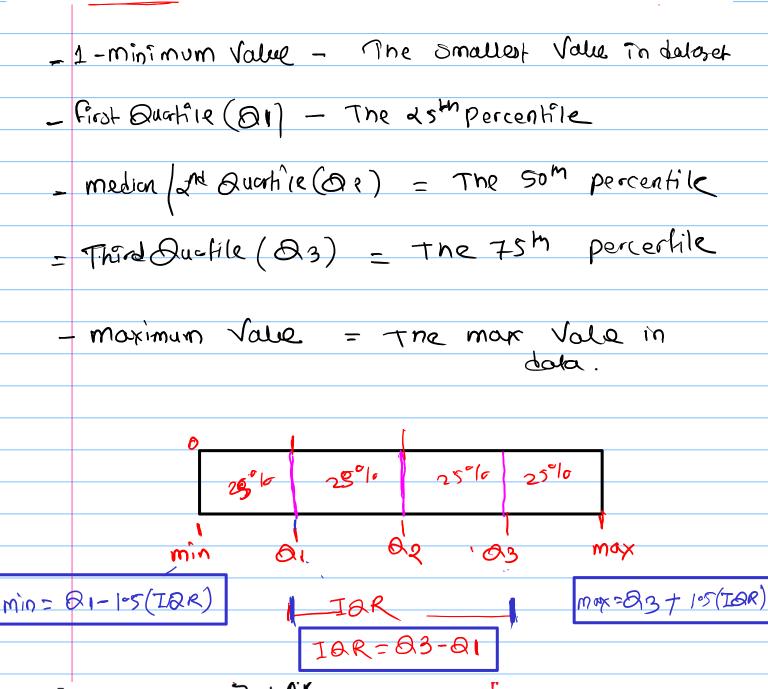
PL=8.25 Localish

Raik = $8.25 = 8 + 0.25 (9m - 8m)$

= $96 + 0.25 (2) = 96.0.50$
 $8.50 = 8 + 0.5 (9m - 8m)$
 $9.75 = 8 + 0.75 (9m - 8m)$
 $9.75 = 8 + 0.75 (9m - 8m)$
 $9.75 = 8 + 0.75 (9m - 8m)$
 $3.987 = 3m + 0.987 (4m - 3m)$

5-Number - Summony.

The five-number summary is a descriptive statistic that provides a summary of a dataset. It consists of five values that divide the dataset into four equal parts, also known as quartiles. The five-number summary includes the following values:



Interquartile Range 1

The interquartile range (IQR) is a measure of variability that is based on the five-number summary of a dataset. Specifically, the IQR is defined as the difference between the third quartile (Q3) and the first quartile (Q1) of a dataset.

