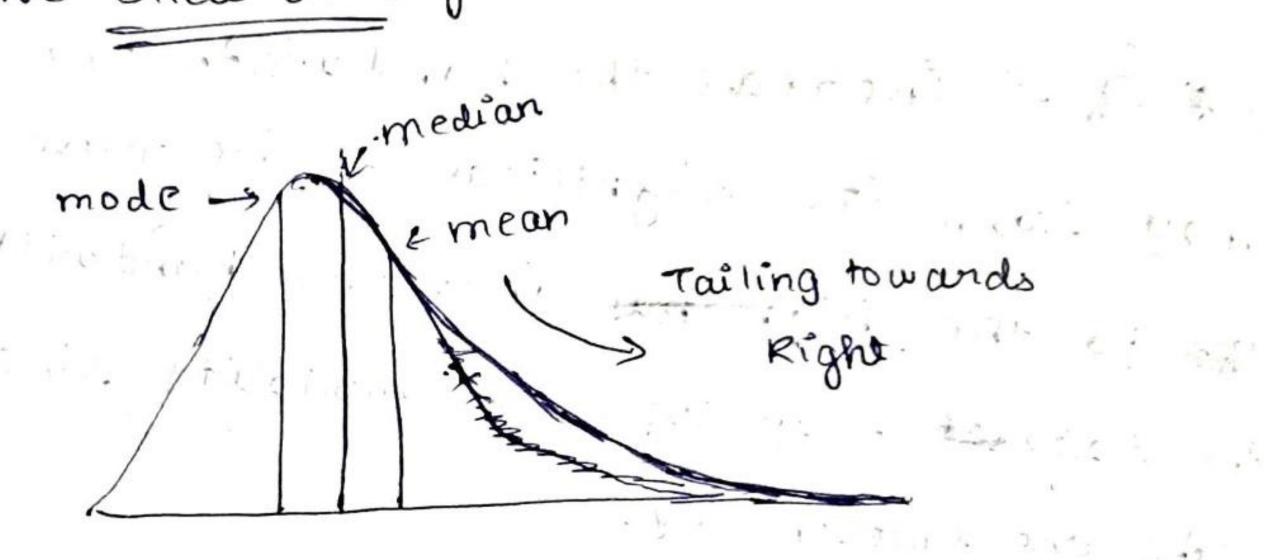
& Kewners of datal-

* Skewness is the measure of how much the roubability distribution of a random Variable deviates from the normal distribution.

& there are 3hypes'-

- i) Positive skew or Right Skew
- ij) Negative skegu or left skew
- iii) NO SKEW or symmetrical.
- i) Positive skew or Right skew:



Example scenemos.

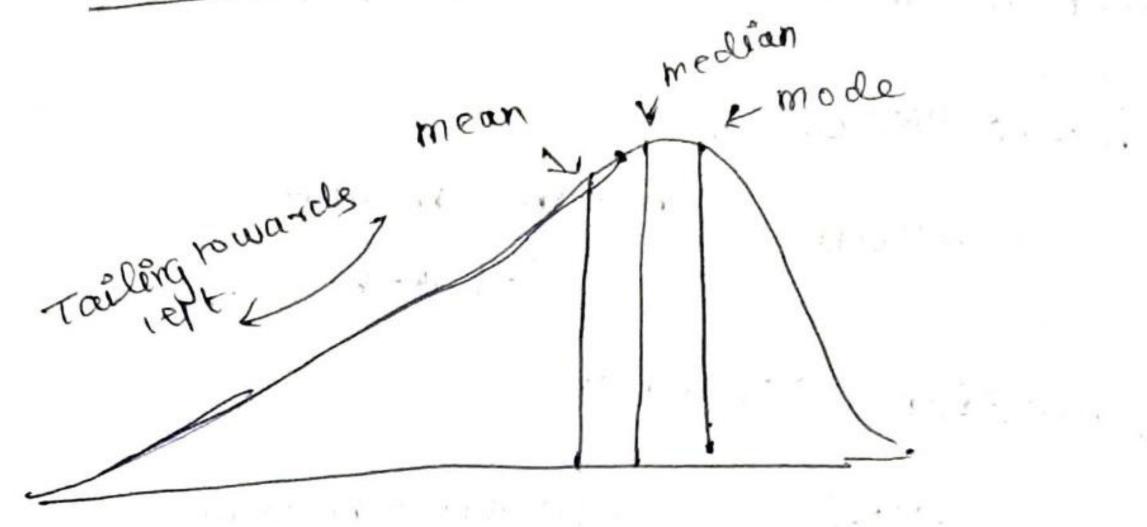
* wealth distribution of the people in a country.

* Evealth status cannot be normal, So it will be positively skewed, means more population will be in some middle class range, very few will have more wealth.

Migher the skewness, higher the distance blu mean, median, mode * The relationship blu mean, med and mode

mean > median > mode

ii) Negative akew or left skew:-



Example Scenewos:

& life span of human beings.

of the avg life span of human beings will

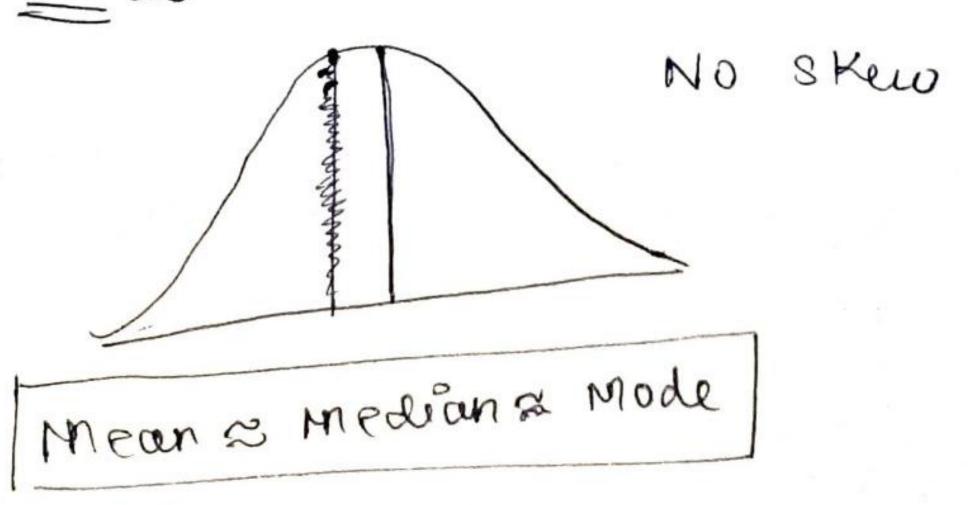
be around 50-70 or more.

& But very per have less life span.

The relationship blu mean, median, mode

mode > median > mean

ii) No skew



Example Scenemon

& Age of the people.

I weight, weight.

Peamon mermod to calculate Skew:

1) mode skewneis.

Skew = mean - mode
Std dev

2) median skew new

8 Kew = 3 (mean - median) Std dev-

Also we can use moments to calculate skin.

The state of the s

From the Contract of the Professional