Normal Distribution

* ## Normal / Gaussian Distribution :

→ Bell Curve

$\mu-\sigma$ μ $\mu+\sigma$
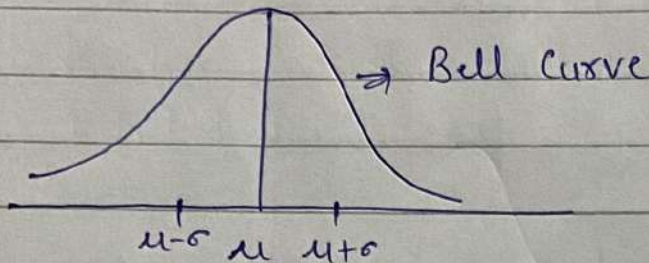
Eg : Height, Weight, IRIS distribution

→ ## Empirical Rule :

It is also known as 68-95-99.7% Rule

$\mu-3\sigma$ $\mu-2\sigma$ $\mu-\sigma$ μ $\mu+\sigma$ $\mu+2\sigma$ $\mu+3\sigma$

← 68% →

← 95% →

← 99.7% →
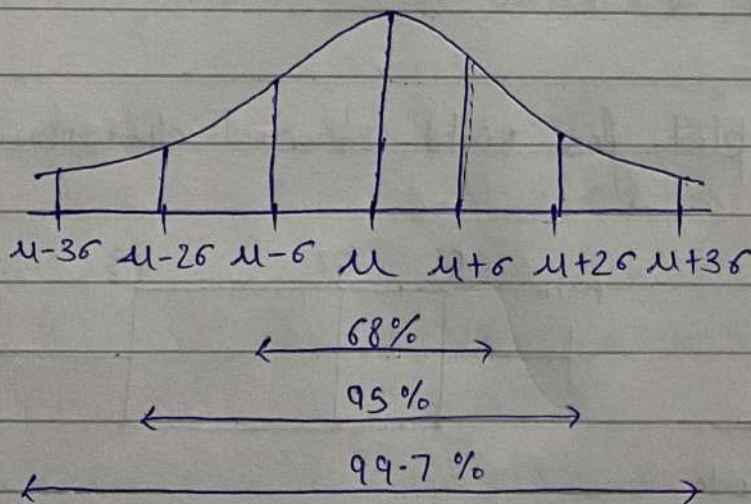
whenever, the data is normally distributed,
then we can use this rule to get an idea
of spreadness of data.