**Qus1: How can we figure out what the interquartile range is?**

It’s also denoted by IQR

Mathematical Formula: Q3(75% quantile) - Q1(25% Quantile)

Position= (percentile\* n+1)/100

**Qus2: What exactly is the value of the 5-number theory?**

5-Number summary is use to dram the Box plot

1. Minima
2. Maxima
3. Median
4. 1st Quantile
5. 3rd Quantile

**Qus3: What is the relationship between standard deviation and variance?**

Variance is square root of Standard deviation

**Qus4: What does the difference between variance and standard deviation mean?**

Variance- Measures the spread

Std Deviation- It helps us how much data is away from the mean.

**Qus5: When is it appropriate to refer to a skewed data distribution?**

If we have a skewed feature then we should try to transform it into Gaussian Dist. By transformation technique- Log transformation.