

# DATA SCIENCE-UNIVARIATE ANALYSIS-PERCENTILE- INFERENCE REPORT

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
<b>Mean</b>	108.0	67.303395	66.333163	66.370186	72.100558	62.278186	288655.405405
<b>Median</b>	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
<b>Mode</b>	1	62.0	63.0	65.0	60.0	56.7	300000.0
<b>Q1:25%</b>	54.5	60.6	60.9	61.0	60.0	57.945	240000.0
<b>Q2:50%</b>	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
<b>Q3:75%</b>	161.5	75.7	73.0	72.0	83.5	66.255	300000.0
<b>99%</b>	212.86	87.0	91.86	83.86	97.0	76.1142	NaN
<b>Q4:100%</b>	215.0	89.4	97.7	91.0	98.0	77.89	940000.0

## INFERENCE SSC\_P:

- 25% of the class pass marks lies below 60.6
- From 25% to 50% of the SSC class pass marks there is a improvement of 7 marks= 67.0
- From 50% to 75% of the SSC class pass marks there is a improvement of 9 marks= 75.7
- From 75% to 99% of the SSC class pass marks there is a improvement of 11 marks= 87.0
- From 99% to 100% of the SSC class pass marks there is a improvement of 2 marks= 89.4

## INFERENCE HSC\_P:

- 25% of the class pass marks lies below 60.9
- From 25% to 50% of the HSC class pass marks there is a improvement of 4 marks= 65.0
- From 50% to 75% of the HSC class pass marks there is a improvement of 8 marks= 73.0
- From 75% to 99% of the HSC class pass marks there is a improvement of 19 marks= 91.86
- From 99% to 100% of the HSC class pass marks there is a improvement of 5 marks= 97.7

## INFERENCE DEG\_P:

- 25% of the class pass marks lies below 61.0
- From 25% to 50% of the Degree pass marks there is a improvement of 5 marks= 66.0
- From 50% to 75% of the Degree pass marks there is a improvement of 6 marks= 72.0
- From 75% to 99% of the Degree pass marks there is a improvement of 12 marks= 83.86
- From 99% to 100% of the Degree pass marks there is a improvement of 7 marks= 91.0

### INFERENCE ETEST\_P:

- **25% of the class pass marks lies below 60.0**
- From 25% to 50% of the ETEST pass marks there is a improvement of 11 marks =71.0
- From 50% to 75% of the ETEST pass marks there is a improvement of 12.5 marks=83.5
- From 75% to 99% of the ETEST pass marks there is a improvement of 13.5 marks=97.0
- From 99% to 100% of the ETEST pass marks there is a improvement of 1 marks=98.0

### INFERENCE MBA\_P:

- **25% of the class pass marks lies below 58**
- From 25% to 50% of the MBA pass marks there is a improvement of 4 marks =62.0
- From 50% to 75% of the MBA pass marks there is a improvement of 4 marks=66.25
- From 75% to 99% of the MBA pass marks there is a improvement of 10 marks=76.0
- From 99% to 100% of the MBA pass marks there is a improvement of 1 marks=77.0

### INFERENCE SALARY:

- **25% of the class Salary lies below RS.2,40,000**
- From 25% to 50% of the salary there is a increase of RS.25,000 = RS.2,65,000
- From 50% to 75% of the salary there is a increase of RS.30,000 = RS.3,00,000
- From 75% to 100% of the salary there is a increase of RS.3,40,000 = RS.9,40,000
- There maybe some outliers present in the salary due to huge increase of the salary in 75% to 100% .