

## Central Tendency – Percentile Analysis Report

### Output Result:

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

### Summary of Percentile Analysis

#### SSLC

- The student's mark increased by 6.4% from Q1 (25%) to Q2 (50%).
  - The student's mark increased by 8.7% from Q2 (50%) to Q3 (75%).
  - The student's mark increased by 11.3% from Q3 (75%) to 99th percentile.
  - The student's mark increased by 2.4% from 99th percentile to Q4 (100%).
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#### HSC

- The student's mark increased by 4.1% from Q1 (25%) to Q2 (50%).
  - The student's mark increased by 8% from Q2 (50%) to Q3 (75%).
  - The student's mark increased by 18.86% from Q3 (75%) to 99th percentile.
  - The student's mark increased by 5.84% from 99th percentile to Q4 (100%).
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#### Degree

- The student's mark increased by 5% from Q1 (25%) to Q2 (50%).
  - The student's mark increased by 6% from Q2 (50%) to Q3 (75%).
  - The student's mark increased by 11.86% from Q3 (75%) to 99th percentile.
  - The student's mark increased by 7.14% from 99th percentile to Q4 (100%).
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### **Entrance Test**

- The student's mark increased by 11% from Q1 (25%) to Q2 (50%).
  - The student's mark increased by 12.5% from Q2 (50%) to Q3 (75%).
  - The student's mark increased by 13.5% from Q3 (75%) to 99th percentile.
  - The student's mark increased by 1% from 99th percentile to Q4 (100%).
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### **MBA**

- The student's mark increased by 4.05% from Q1 (25%) to Q2 (50%).
  - The student's mark increased by 4.26% from Q2 (50%) to Q3 (75%).
  - The student's mark increased by 9.85% from Q3 (75%) to 99th percentile.
  - The student's mark increased by 1.78% from 99th percentile to Q4 (100%).
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