

# Central Tendency – HSK Analysis Report

## Output Result:

	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
<b>IQR</b>	107.0	15.1	12.1	11.0	23.5	8.31	60000.0
<b>1.5Rule</b>	160.5	22.65	18.15	16.5	35.25	12.465	90000.0
<b>Lesser</b>	-106.0	37.95	42.75	44.5	24.75	45.48	150000.0
<b>Greater</b>	322.0	98.35	91.15	88.5	118.75	78.72	390000.0
<b>Min</b>	1	40.89	37.0	50.0	50.0	51.21	200000.0
<b>Max</b>	215	89.4	97.7	91.0	98.0	77.89	940000.0
<b>Kurtosis</b>	-1.2	-0.60751	0.450765	0.052143	-1.08858	-0.470723	18.544273
<b>Skew</b>	0.0	-0.132649	0.163639	0.244917	0.282308	0.313576	3.569747

## Summary of HSK Analysis

### SSLC

- The Kurtosis value of **-0.60751** is slightly negative, indicating a **platykurtic distribution**, meaning the curve is somewhat flatter than a normal distribution.
- The Skewness value of **-0.132649** is slightly negative, indicating a **minor left skew**, with values gently tailing toward the left side.

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### HSC

- The Kurtosis value of **0.450765** is near to 0, indicating a **mesokurtic distribution**, meaning the curve has normal peak and tails.
- The Skewness value of **0.163639** is near to 0, indicating a **minor right skew**, with values gently tailing toward the right side.

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## Degree

- The Kurtosis value of **0.052143** is near to 0, indicating a **mesokurtic distribution**, meaning the curve has normal peak and tails.
  - The Skewness value of **0.244917** is near to 0, indicating a **minor right skew**, with values gently tailing toward the right side.
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## Entrance Test

- The Kurtosis value of **-1.08858** is negative, indicating a **platykurtic distribution**, meaning the curve is flat and spread.
  - The Skewness value of **0.282308** is near to 0, indicating a **minor right skew**, with values gently tailing toward the right side.
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## MBA

- The Kurtosis value of **-0.47072** is slightly negative, indicating a **platykurtic distribution**, meaning the curve is somewhat flatter than a normal distribution.
  - The Skewness value of **0.313576** is near to 0, indicating a **minor right skew**, with values gently tailing toward the right side.
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