

Central Tendency – HSK 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
IQR	107.0	15.1	12.1	11.0	23.5	8.31	60000.0
1.5Rule	160.5	22.65	18.15	16.5	35.25	12.465	90000.0
Lesser	-106.0	37.95	42.75	44.5	24.75	45.48	150000.0
Greater	322.0	98.35	91.15	88.5	118.75	78.72	390000.0
Min	1	40.89	37.0	50.0	50.0	51.21	200000.0
Max	215	89.4	97.7	91.0	98.0	77.89	940000.0
Kurtosis	-1.2	-0.60751	0.450765	0.052143	-1.08858	-0.470723	18.544273
Skew	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.

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.

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.
-

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.
-

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.
-