DATASET

	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
1.5 rule	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

SUMMARY

To determine if outliers are present in the dataset, you can calculate the interquartile range (IQR) and then use it to identify potential outliers. Data points that fall below Q1 - 1.5 * IQR or above Q3 + 1.5 * IQR are often considered outliers. So, you can check for outliers by comparing individual data points to these thresholds.

IQR

In this dataset, the interquartile range (IQR) for students at various educational levels, ranging from 10th grade to degree holders, are as follows: SSLC (15.1), HSE (18.5), DEGREE PG (1), E TEST (23.5), and MBA (8.31). The dataset also indicates that the salary for these students is 60,000.

1.5 rule

In this dataset, the 1.5 rule for identifying potential outliers in the salary of students at various educational levels, ranging from 10th grade to degree holders, is as follows: SSLC (22.65), HSE (12.1), DEGREE PG (16.5), E TEST (35.25), and MBA (12.465). The dataset also indicates that the salary for these students is 90,000. These values represent the threshold for potential outliers based on the 1.5 rule. Any salary data points above these values might be considered outliers.

LESSER

In this dataset, the lesser of the IQR values for identifying potential outliers in the salary of students at various educational levels, ranging from 10th grade to degree holders, is as follows: SSLC (37.95), HSE (42.75), DEGREE PG (44.5), E TEST (24.75), and MBA (45.48). The dataset also indicates that the salary for these students is 150,000. These IQR values represent the lower threshold for identifying potential outliers in the salary data. Any salary data points below these values might be considered outliers.

GREATER

In this dataset, the Greater of the IQR values for identifying potential outliers in the salary of students at various educational levels, ranging from 10th grade to degree holders, is as follows: SSLC (98.35), HSE (91.15), DEGREE PG (88.5), E TEST (118.75), and MBA (78.72). The dataset also indicates that the salary for these students is 390,000. These IQR values represent the lower threshold for identifying potential outliers in the salary data. Any salary data points below these values might be considered outliers.

MIN

The minimum salary in the dataset for students at various educational levels, ranging from 10th grade to degree holders, is as follows: SSLC (40.89), HSE (37.0), DEGREE PG (50), E TEST (50), and MBA (51.21). The dataset also indicates that the maximum salary for these students is 200,000.

Max

The maxmium salary in the dataset for students at various educational levels, ranging from 10th grade to degree holders, is as follows: SSLC (89.24), HSE (97.7), DEGREE PG (91), E TEST (98), and MBA (77.89). The dataset also indicates that the maximum salary for these students is 940,000.