

Percentile

Out[36]:

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108	67.3034	66.3332	66.3702	72.1006	62.2782	288655
Median	108	67	65	66	71	62	265000
Mode	1	62	63	65	60	56.7	300000
Q1:25%	54.5	60.6	60.9	61	60	57.945	240000
Q2:50%	108	67	65	66	71	62	265000
Q3:75%	161.5	75.7	73	72	83.5	66.255	300000
99%	212.86	87	91.86	83.86	97	76.1142	671200
Q4:100%	215	89.4	97.7	91	98	77.89	940000

Explanation:

The placement dataset contains consolidated details of 108 students, including marks for 10th grade, 12th grade, degree, entrance test, and MBA. The scores of these 108 students have been categorized using percentiles. Overall, marks are increasing every quarter across all quantitative columns.

1. The SSC_P field has been increasing by around 7 to 9 percentage points each quarter, with the range of 99% to 100% rising by more than 2 percentage points.
2. The HSC_P and degree_P fields have shown a higher percentage increase compared to the SSC_P marks each quarter, with an approximate 8% increase in the 99% to 100% range.
3. The etests_P field has experienced the highest percentage increase compared to all other fields each quarter, with 98% being the highest mark across all fields and quarters.
4. There has been consistent improvement in the MBA_P field each quarter, with the highest mark reaching around 78%.
5. From the above points, it is evident that marks are gradually increasing. As a result, salaries have also been improving for these students.