

Data Science – Percentile Report

Report got through the python program:

Method	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108	67.303395	66.333163	66.370186	72.100558	62.278186	288655.4054
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

Below is data showing difference in percentages for each row:

Method	sl_no	ssc_p	Diff in % of ssc_p	hsc_p	Diff in % of hsc_p	degree_p	Diff in % of degree_p	etest_p	Diff in % of etest_p	mba_p	Diff in % of mba_p	salary	Diff value of Salary b/w rows
Mean	108	67.303395		66.333163		66.370186		72.100558		62.278186		288655.4054	
Median	108	67	0.303395	65	1.333163	66	0.370186	71	1.100558	62	0.278186	265000	23655.40541
Mode	1	62	5	63	2	65	1	60	11	56.7	5.3	300000	35000
Q1:25%	54.5	60.6		60.9		61		60		57.945		240000	
Q2:50%	108	67	6.4	65	4.1	66	5	71	11	62	4.055	265000	25000
Q3:75%	161.5	75.7	8.7	73	8	72	6	83.5	12.5	66.255	4.255	300000	35000
99%	212.86	87	11.3	91.86	18.86	83.86	11.86	97	13.5	76.1142	9.8592	671200	371200
Q4:100%	215	89.4	2.4	97.7	5.84	91	7.14	98	1	77.89	1.7758	940000	268800

By observing the above shown difference values, can see...

- When looking at ssc_p marks, we see high difference between 75% to 100% as 13.7% increased.
- With hsc_p marks, we see high difference rate between 75% to 100% as 24% increased.
- With degree_p marks, we see high difference rate between 75% to 100% as 18% increased.
- With etest_p marks, we see high difference rate between 75% to 100% as 14.5% increased.
- With mba_p marks, we see high difference rate between 75% to 100% as 11.5% increased.
- With salary amount, we see high difference between 75% to 100% as 640000 increased.

Hence, from the above table we could identify the highest difference between the range of 75% to 100% especially.

Thanks for reviewing mam!