

DATA SCIENCE ASSIGNMENT

percentile report:

	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	NaN
Q4:100%	215	89.4	97.7	91	98	77.89	940000

percentile	ssc_p	differ	hsc_p	differ	degree_p	differ	etest_p	differ	mba_p	differ	salary	differ
Q1:25%	60.6		60.9		61		60		57.945		240000	
		6.4		4.1		5		11		4.055		25000
Q2:50%	67		65		66		71		62		265000	
		8.7		8		6		12.5		4.255		35000
Q3:75%	75.7		73		72		83.5		66.255		300000	
		11.3		18.86		11.86		13.5		9.8592		640000
99%	87		91.86		83.86		97		76.1142			
		2.4		5.84		7.14		1		1.7758		
Q4:100%	89.4		97.7		91		98		77.89		940000	

ssc_p report:

percentile of ssc_p mark upto 25% of value 60.6.
 percentile of ssc_p mark upto 50% of value 67
 percentile of ssc_p mark upto 75% of value 75.7
 percentile of ssc_p mark upto 99% of value 87
 percentile of ssc_p mark upto 100% of value 89.4

Q1 – Q2 incremental percentile value 6.4
 Q2-Q3 incremental percentile value 8.7
 Q3- 99% incremental percentile value 11.3
 99%-Q4 incremental percentile value 2.4

hsc_p report:

percentile of hsc_p mark upto 25% of value 60.9
 percentile of hsc_p mark upto 50% of value 65
 percentile of hsc_p mark upto 75% of value 73
 percentile of hsc_p mark upto 99% of value 91.86
 percentile of hsc_p mark upto 100% of value 97.7

Q1 – Q2 incremental percentile value 4.1
 Q2-Q3 incremental percentile value 8
 Q3- 99% incremental percentile value 18.86
 99%-Q4 incremental percentile value 5.84

degree_p report:

percentile of degree_p mark upto 25% of value 61
 percentile of degree_p mark upto 50% of value 66
 percentile of degree_p mark upto 75% of value 72
 percentile of degree_p mark upto 99% of value 83.86
 percentile of degree_p mark upto 100% of value 91

Q1 – Q2 incremental percentile value 5
 Q2-Q3 incremental percentile value 6
 Q3- 99% incremental percentile value 11.86
 99%-Q4 incremental percentile value 7.14

etest_p report:

percentile of etest_p mark upto 25% of value 60
 percentile of etest_p mark upto 50% of value 71
 percentile of etest_p mark upto 75% of value 83.5
 percentile of etest_p mark upto 99% of value 97
 percentile of etest_p mark upto 100% of value 98

Q1 – Q2 incremental percentile value 11
 Q2-Q3 incremental percentile value 12.5
 Q3- 99% incremental percentile value 13.5
 99%-Q4 incremental percentile value 1

mba_p report:

percentile of mba_p mark upto 25% of value 57.945
 percentile of mba_p mark upto 50% of value 62
 percentile of mba_p mark upto 75% of value 66.255
 percentile of mba_p mark upto 99% of value 76.1142
 percentile of mba_p mark upto 100% of value 77.89

Q1 – Q2 incremental percentile value 4.055
 Q2-Q3 incremental percentile value 4.25
 Q3- 99% incremental percentile value 9.859
 99%-Q4 incremental percentile value 1.778

Salary report:

percentile of Salary mark upto 25% of value 240000
 percentile of Salary mark upto 50% of value 265000
 percentile of Salary mark upto 75% of value 300000
 percentile of Salary mark upto 99% of value
 percentile of Salary mark upto 100% of value 940000

Q1 – Q2 incremental percentile value 25000
 Q2-Q3 incremental percentile value 35000
 Q3- 99% incremental percentile value
 99%-Q4 incremental percentile value 640000