Student Placement Central Tendency describe

	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	67.3034	66.3332	66.3702	72.1006	62.2782	288655
Median	67	65	66	71	62	265000
Mode	62	63	65	60	56.7	300000

Mean:

The students got the average mark in **ssc, hsc, degree, mba** (below seventy) but **etest** the sudent got good percentage (below eigthy)

Totally in mean the students are get average mark

Median:

The students got the average mark in **ssc, hsc, degree, mba** (below seventy) but **etest** the sudent got good percentage (below eigthy)

Totally in median also students are get average mark

Mode:

The students are high repeatedly mark below seventy

Ssc_p	Hsc_p	Degree_p	Estest_p	Mba_p
62	63	65	60	56.7

Totally in mode also students are get the average mark

Finally in this placement dataset the students are got ==average== postion

Percentail

Percentile means exit between of the data and percentail have four parts 25%, 50%, 75%, 100%

Placement dataSet see the percentail

	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	67.3034	66.3332	66.3702	72.1006	62.2782	288655
Median	67	65	66	71	62	265000
Mode	62	63	65	60	56.7	300000
0%	40.89	37	50	50	51.21	NaN
25%	60.6	60.9	61	60	57.945	240000
50%	67	65	66	71	62	265000
75%	75.7	73	72	83.5	66.255	300000
99%	87	91.86	83.86	97	76.1142	NaN
100%	89.4	97.7	91	98	77.89	940000

The initial percentage of the student improvement

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
Initial value	40.89	37	50	50	51.21	Nan

Percentail of 0% between 25% of the student imporvement

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
0%	40.89	37	50	50	51.21	Nan
25%	60.6	60.9	61	60	57.945	240000
Imporvemt	19.71	23.9	11	10	6.735	Nan

Percentail of 25% between 50% of the student imporvement

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
25%	60.6	60.9	61	60	57.945	240000
50%	67	65	66	71	62	265000
Imporvemt	6.4	4.1	5	11	4.055	25000

Percentail of 50% between 75% of the student imporvement

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
50%	67	65	66	71	62	265000
75%	75.7	73	72	83.5	66.255	300000
Imporvemt	8.7	8	6	12.5	4.255	35000

Percentail of 75% between 99% of the student imporvement

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
75%	75.7	73	72	83.5	66.255	300000
99%	87	91.86	83.86	97	76.1142	Nan
Imporvemt	11.3	18.86	11.86	13.5	9.8592	Nan

Percentail of 99% between 100% of the student imporvement

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
99%	87	91.86	83.86	97	76.1142	Nan
100%	89.4	97.7	91	98	77.89	940000
Imporvemt	2.4	5.84	7.14	1	1.7758	Nan

Lesser outlier and Greater outlier

Lesser	37.95	42.75	44.5	24.75	45.48	150000
Greater	98.35	91.15	88.5	118.75	78.72	390000
Min	40.89	37	50	50	51.21	200000
Max	89.4	97.7	91	98	77.89	940000

Outliers Lesser and Minimum

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
Lesser	37.95	42.75	44.5	24.75	45.48	150000
Min	40.89	37	50	50	51.21	200000

In this table yellow mark label minimum values is low than lesser value, so we change min the value

Outliers Lesser and Minimum

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
Greater	98.35	91.15	88.5	118.75	78.72	390000
Maximum	89.4	97.7	91	98	77.89	940000

In this table yellow mark label maximum value is higher than greater value , so we change the max value

Skewness

Skeness talk about only the mean, median and mode.
Skness is a measure the symmetry.
Symmetry to check the equality .
Symmetry have three parts **postive**, **normal**, **negative.**

Postive:

Skeness greater than zero means postive (mode > median > mode)

Negative:

Skeness less than zero means postive (mode < median < mode)

Noraml:

Skeness equal to zero means normal (mode = median = mode)

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
Skewness	-0.132649	0.162611	0.204164	0.282308	0.313576	0.8067

In this tabel yellow mark only less than zero, so it is **negative** part then all are **postive** part

Kurtosis

Kurtosis talk about only the breath.
kurtosis is a measure the peakness and breath.
kurtosis have three parts **platykurtic**, **mesokurtic**, **leptokurtic.**

Platykurtic:

Kurtosis greater than three means platykurtic

Leptokurtic:

Kurtosis less than three means leptokurtic

Mesokurtic:

Kurtosis equal to three means mesokurtic

	Ssc_p	Hsc_p	Degree_p	Etest_p	Mba_p	salary
kurtosis	-0.60751	0.0869008	-0.0974897	-1.08858	-0.470723	-0.239837

In this tabel all the values are below three, so it is **leptokurtic**.