

# DATA SCIENCE – UNIVARIATE ANALYSIS

## THE MEASURE OF CENTRAL TENDENCY

	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

### MEAN

- Average which gives an overall Center value.
- In the above scenario, the sslc\_p mark is 67.3%, the hsc\_p mark is 66.37% and the degree mark is 66.37% which are all average in general, the etest\_p mark is 72.10% which is a good percentage compared to other marks, mba\_p% mark is 62.27% which is average in

general, the salary is 288655 which is average salary in general.

## MEDIAN

- Midpoint of data, When outlier exists in nominal, interval and ratio variable, We can use median instead of Mean.
- In the above scenario, the sslc\_p mark is 67.3%, the hsc\_p mark is 66.37% and the degree mark is 66.37% which are all average in general, the etest\_p mark is 72.10% which is a good percentage compared to other marks, mba\_p% mark is 62.27% which is average in general, the salary is 288655 which is average salary in general.

## MODE

- Most repeated data point, To find out most repeated value of a dataset.
- In the above scenario, the sslc\_p mark is 62.0%, the hsc\_p mark is 63.0% and the degree mark is 65.0%, the etest\_p mark is 60.0% which are all average in general, mba\_p% mark is 56.7% which is below average compared to other marks, the salary is 300000.0 which is average salary in general.

## CONCLUSION:-

- According to this placement data set we analyse in The method of DS- Univariate Analysis, in that by the method of the Measure of Central Tendency, We found out Solution for

Mean, Median & Mode. In that analysis, ssc\_p, hsc\_p, degree\_p, etest\_p, mba\_p all are average in general which means all the students are got average percentage in overall. All the students are got the salary below Rs-3,00,000.

- So the Conclusion is the students of this placement data set, all are got average passing marks in all the exams and also got average salary so that overall performance is average.