

# CENTRAL TENDENCY

To analyze the placement dataset for mean, median and mode

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descriptive
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	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

## Mean:

- Mean is calculated by taking average of all entries in a column.
- Mean of all the students mark is average (above 60) in all the exams except etest mark because the mean of etest is above 70, that is good.
- Salary can't calculate by taking average for all.

## Median:

- Median of the students' mark is average because all marks are above 60.
- Median of etest is good (above 70).
- Median omit the outlier and calculate the mid value.
- Salary is taken from the mid value of total count if it is odd, if the count is even then calculated by taking average between mid value and nearest mid value.

## Mode:

- Mode is calculated by taking the highest repeated value.
- Mode of the students' mark is average because all marks are above 60.
- Salary of mode is taken from highly repeated count.