Central Tendency

Take the Placement Dataset to Analysis. The following table represents The Summary of Mean, Median & Mode

	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

In This Placement dataset which contains the marks scored by the students in all the exams and their salary if they had placed in a job

Mean:

Mean is calculated by taking average of all entries in the particular column

· The average score of all the exams except entrance test is between 62 to 67

· The marks obtained in the entrance test is 71 which is above the average rate.

· The average score of ssc_p , hsc_p, degree are higher than the MBA_p average mark.

· The students average salary is Rs.288655.

Median:

Median avoid the outlier and calculate the mid value.

· The median mark scored by the students in the

ssc_p exam is 67.

· The median mark scored by the students in the hsc_p exam is 65.

· The median mark scored by the students in the degree exam is 66.

· The median mark scored by the students in the entrance exam is 71.

· The median mark scored by the students in the MBA exam is 62.

· The median salary received by the students is Rs.265000 which is lesser than the students average salary. It shows the presence of outliers in the column values.

Mode:

Mode is calculated by taking the highest repeated value.

· Most of the students scored 62 marks in their ssc_p exam.

· Most of the students scored 63 marks in their hsc_p exam.

· Most of the students had got 65 marks in their degree exam.

· Most of the students had got 60 marks in their entrance test.

· Most of the students scored 56 marks in their MBA exam.

· The salary that is earned most commonly is Rs.3,00,000