Descriptive Analysis

The Placement.csv file consists of placement data of a MBA batch students. The data includes Gender, Board of Studying in SSC and HSC, marks scored in SSC and HSC and HSC, bachelor's degree and MBA Subject Specialization, Degree Marks, Entrance test marks, MBA marks and Placement details with salary.

	sl_no	gender	ssc_p	ssc_b	hsc_p	hsc_b	hsc_s	degree_p	degree_t	workex	etest_p	specialisation	mba_p	status	salary
0	1	M	67.00	Others	91.00	Others	Commerce	58.00	Sci&Tech	No	55.0	Mkt&HR	58.80	Placed	270000.0
1	2	M	79.33	Central	78.33	Others	Science	77.48	Sci&Tech	Yes	86.5	Mkt&Fin	66.28	Placed	200000.0
2	3	M	65.00	Central	68.00	Central	Arts	64.00	Comm&Mgmt	No	75.0	Mkt&Fin	57.80	Placed	250000.0
3	4	M	56.00	Central	52.00	Central	Science	52.00	Sci&Tech	No	66.0	Mkt&HR	59.43	Not Placed	NaN
4	5	M	85.80	Central	73.60	Central	Commerce	73.30	Comm&Mgmt	No	96.8	Mkt&Fin	55.50	Placed	425000.0

I have found out mean, median and mode with the given information using python code.

```
descriptive=pd.DataFrame(index=["mean","median","mode"],columns=quan)
for columnName in quan:
    descriptive[columnName]["mean"]=dataset[columnName].mean()
    descriptive[columnName]["median"]=dataset[columnName].median()
    descriptive[columnName]["mode"]=dataset[columnName].mode()[0]
```

	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

The given batch of students has got an average of 67.3 marks in SSC, 66.3 in HSC, 66.37 in bachelor's degree, 72.1 marks in the entrance exam, 62. 27 in MBA and the average salary of this batch of students is 288655.4. All the students scored a good percentage in the entrance exam.

There are no outliers found in the given dataset as the median values are approximately matching the mean values.