MEAN, MEDIAN AND MODE

The dataset contains placement details of the candidates, and it contains total of 215 rows and 15 columns. This dataset is split into qualitative (qual) and quantitative (quan) data.

Where,
        quan = ['sl_no', 'ssc_p', 'hsc_p', 'degree_p', 'etest_p', 'mba_p', 'salary']
        qual = ['gender','ssc_b','hsc_b','hsc_s','degree_t','workex','specialisation','status']

Quan columns are taken to find the mean, median and mode values. Hence an empty dataframe "descriptive" is created and mean, median, mode values are assigned to all the respective cells.

	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

The Mean and Median values are approximately similar for ssc_p, hsc_p, degree_p, etest_p, and mba_p. But the Mean and Median for the "salary" column has a huge difference = 23655, this indicates the presence of outliers. Hence Median value for the "salary" column is taken into consideration which eliminates outliers and gives accurate average value. The majority scores obtained by the candidates are: ssc_p = 62, hsc_p = 63, degree_p = 65, etest_p = 60, mba_p=56.7 and majority of the candidates receives salary = 300000.