

DEVELOPING A STATISTICAL MODEL TO ANALYZE THE QUANTIFIABLE GRADING ASSESSMENT DATA USING INFO-GRAPHICS TO PREDICT THE GRADE POINT AVERAGE OF THE SAMPLE SIZE.

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Ist Year students' marks 2017-18

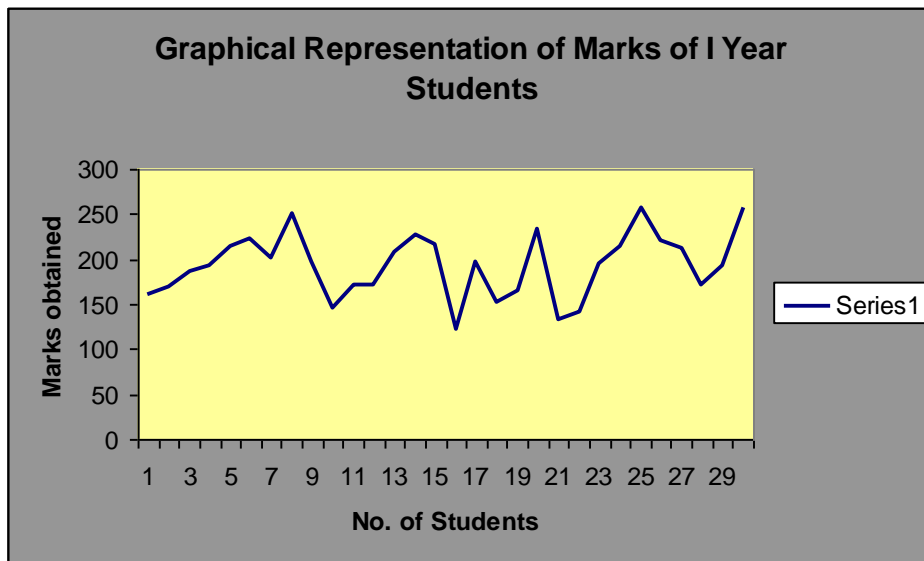
SATYAWATI COLLEGE, UNIVERSITY OF DELHI
B.A. (HONS.) ECONOMICS PART I EXAM, 2017-18

Roll No.	Name of Candidate	Part I	Qualifying
(Out of 300)			
8095301	AASHIMA SINGH (W)	160	Passed
8095302	ABHISEK ROY	170	Failed
8095303	AKANKSHA SAXENA (W)	187	Passed
8095304	ANAITA SABHIKHI (W)	192	Passed
8095305	ANIRUDDHA WATTAL	215	Passed
8095306	ANISH CHAWLA	223	Passed
8095307	ANJALI JALAN (W)	201	Passed
8095308	ANJALI KATARIA (W)	251	Passed
8095309	ARUSHI SETHI (W)	197	Passed
8095310	BHARTI VERMA (W)	145	Passed
8095311	CHARU SHARMA (W)	171	Passed
8095312	DHRUV GURWARA	Failed	Passed
8095313	UDIT RANJAN	172	Passed
8095314	DIVYA SHARMA (W)	208	Passed
8095315	ISHA AGARWAL (W)	228	Passed
8095316	JATIN PABREJA	216	Passed
8095317	JOYFUL T LIANCHINSIAM	123	Passed
8095318	K SHRIPAL JAIN	197	Passed
8095319	KABIR NANDA	152	Failed
8095320	KANISHKA JAIN (W)	165	Passed
8095321	MASOUD AHMAD	Failed	Absent
8095322	MITALI NIKORE (W)	234	Passed
8095323	MOHAMMADULLAH	132	Absent
8095324	MOIRANGTHEM KRISHNAKUMAR	Failed	Passed

SINGH

8095325 NAWAB HUSSAIN	142	Passed
8095326 NEERAJ HASIJA	176	Passed
8095327 NEHA VERMA (W)	196	Passed
8095328 NISHTHA TRIPATHI (W)	214	Passed
8095329 NITIN KUMAR	Failed	Failed
8095330 PARAS MANI BARMAN	Failed	Passed
8095331 PRACHI BANSAL (W)	237	Passed
8095332 PRERNA SHAHI (W)	258	Passed
8095333 PURAV GOSWAMI	220	Passed
8095334 RAGHAV GAMBHIR	213	Passed
8095335 RAUNAK BARAL	Absent	Absent
8095336 RAVINDER KUMAR	Failed	Failed
8095337 ROHAN SOOD	172	Passed
8095338 RUCHIKA RAI (W)	193	Passed
8095339 SALONI SAHAI (W)	258	Passed
8095340 SRISHTI MUNDHRA (W)	193	Passed
8095341 SUCHITA SALWAN (W)	182	Passed
8095342 TANVI TANEJA (W)	190	Passed
8095343 URVI MISHRA (W)	161	Passed
8095344 UUGANBAYAR	Absent	Absent
8095345 VIDHI SINGH (W)	224	Passed

GRAPH REPRESENTING RESULT 2017-2018 OF I YEAR STUDENTS



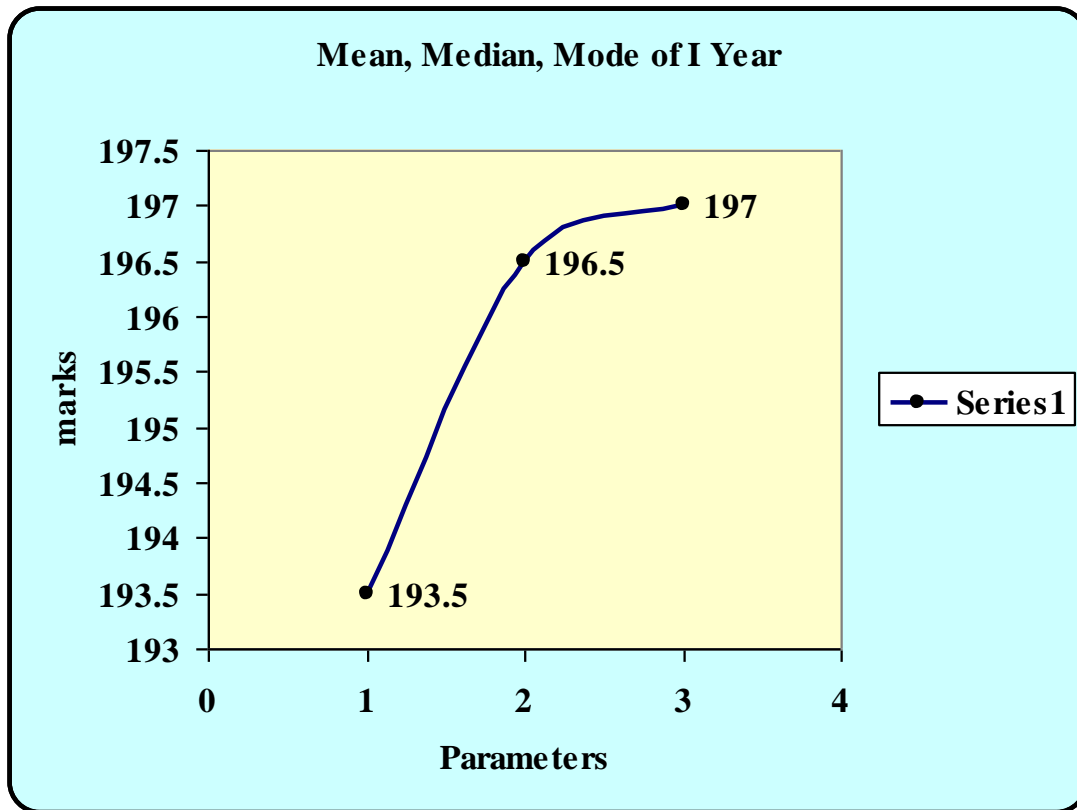
The above graph shows the result 2017-2018 of a random sample of 30 students out of a sample of 45 Ist Year students.

MEAN, MEDIAN, MODE
(Measures of Central Tendency)

Following is the mean, median and mode of the random sample chosen:

- 1. MEAN = 193.5
- 2. MEDIAN = 196.5
- 3. MODE = 197

GRAPH REPRESENTING MEAN, MEDIAN, MODE of I YEAR 2017-2018



II YEAR 2017-18

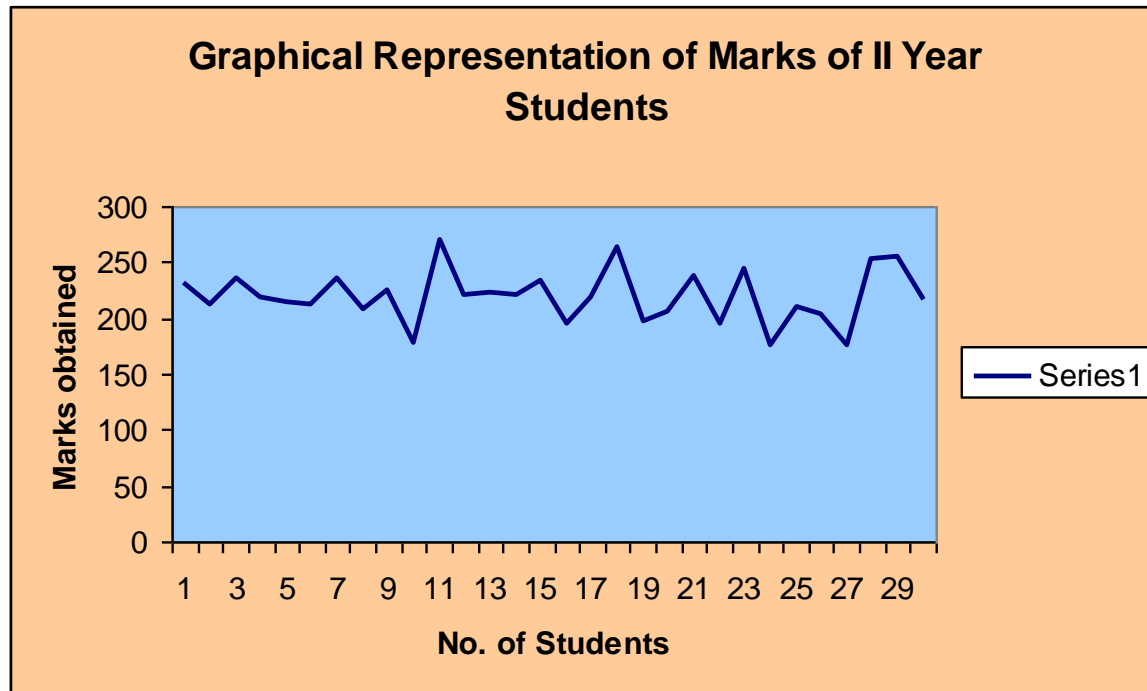
SATYAWATI COLLEGE

UNIVERSITY OF DELHI

B.A.(HONOURS) (ECONOMICS) PART II EXAMINATION, 2017-18.

Roll No.	Name of Candidate (Out of 300)	Part II
7095301	ADITYA JAGATI	232
7095302	ANAND PRAKASH	213
7095303	ANJANA THAMPI (W)	236
7095304	ANUBHAV BHARADWAJ	218
7095305	ARADHANA SONI (W)	215
7095306	ARUN SINGHAL	212
7095307	AYUSHI BANSAL (W)	235
7095308	DHRUV SONDHI	207
7095309	DINESH TAYAL	224
7095310	GAREMELLA MANASA (W)	177
7095311	GULSHAN BHANDARI (W)	269
7095312	ISHITA GHOSH (W)	221
7095313	KANIKA SARAFF (W)	223
7095314	KHUSHBOO SINGH (W)	Absent
7095315	MADHU KANDARI (W)	220
7095316	MALVIKA JAIN (W)	233
7095317	MANAS MUKUL MEENA	201
7095318	MOHIT RATHI	194
7095319	NADIA GAUR (W)	219
7095320	NIKITA SHARMA (W)	263
7095321	NILEEMA SOMANI (W)	198
7095322	PARAMITA DAS (W)	206
7095323	RACHIT RAJ	238
7095324	RAMAN CHAHAR	194
7095325	RANDEEP KAUR (W)	245
7095326	RUTHI PAUNUNMUANG (W)	176
7095327	SAARANSH KHANNA (W)	209
7095328	SAKSHI BHARDWAJ (W)	203
7095329	SHAMBHAV	176
7095330	SHIVANI GOVIND (W)	252
7095331	SIMRAN SADANA (W)	256
7095332	SMRITI SETH (W)	217
7095333	SNEHA NILESH (W)	188
7095334	STANZIN CHORON (W)	176
7095335	UTATHYA CHATTOPADHYAYA	174
7095336	VARTIKA SINGH (W)	222
7095337	VARUN MALHOTRA	161

GRAPH REPRESENTING RESULT 2017-2018 OF II YEAR STUDENTS



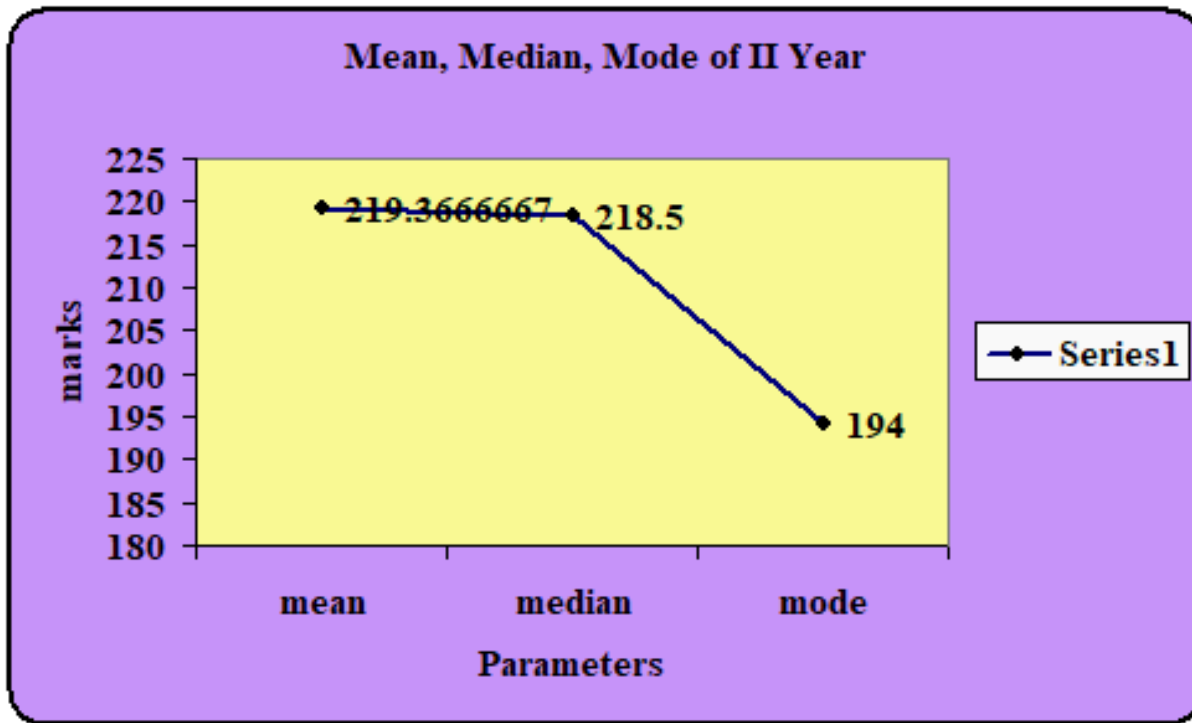
The above graph shows the result 2017-2018 of a random sample of 30 students out of a sample of 36 IInd Year students

MEAN, MEDIAN, MODE
(Measures of Central Tendency)

Following is the mean, median and mode of the random sample chosen:

1. MEAN = 219.3667
2. MEDIAN = 218.5
3. MODE = 194

GRAPH REPRESENTING MEAN, MEDIAN, MODE of II YEAR 2017-2018

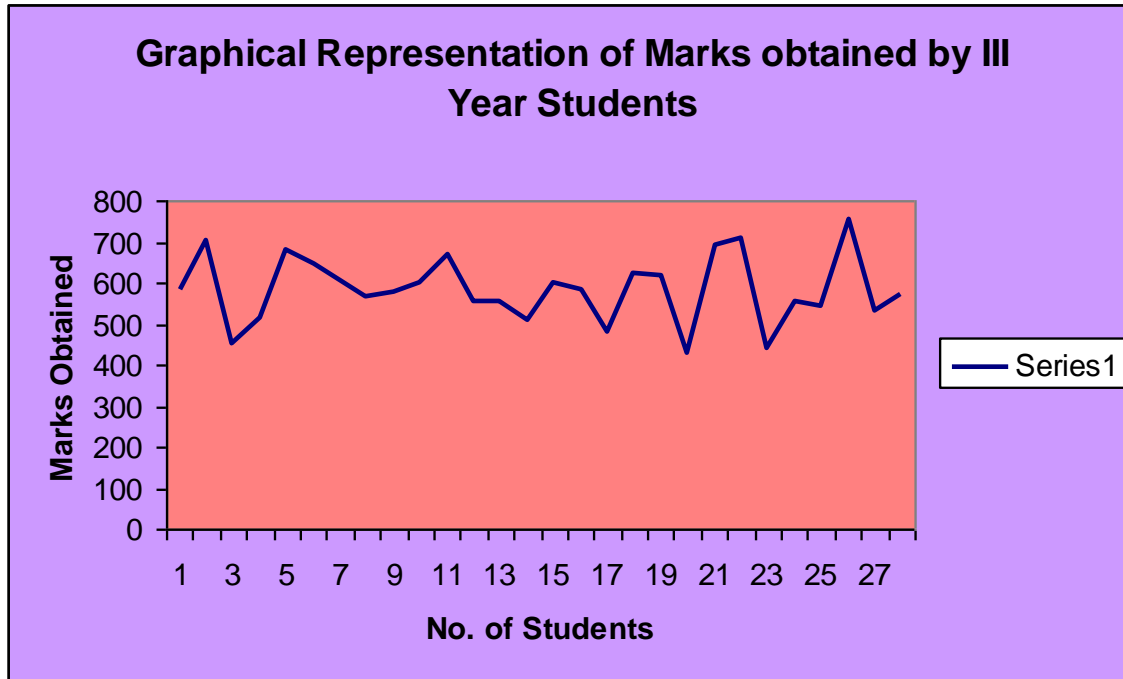


SATYAWATI COLLEGE

B.A.(HONOURS)PART III ECONOMICS EXAMINATION, 2017-18.

Roll No.	Name of Candidate (Out of 1000)	Marks Obtained	Division
6092651	AASHTI SALMAN (W)	583	II
6092652	ADITYA GUPTA	703	I
6092653	ADITYA SINGH	452	III
6092654	ANANTA BHATIA (W)	517	II
6092656	ASTHA SINGLA (W)	679	I
6092657	CHETAN GADIA	644	I
6092658	GARIMA SAHAI (W)	608	I
6092659	KABYASHREE CHAHARIA (W)	563	II
6092660	KAUSTAV GHOSH	575	II
6092661	KAUSTUV GUPTA	600	I
6092662	NATASHA AHUJA (W)	670	I
6092663	NEETIKA KHURANA (W)	553	II
6092664	NEHA BEHARI (W)	552	II
6092665	NIKHIL AHUJA	509	II
6092666	PALLAVI GUPTA (W)	600	I
6092668	RAHUL MODI	582	II
6092669	RASHMI VASANTHA (W)	482	III
6092670	RAUNAK KUMAR	624	I
6092671	REEMA JAIN (W)	616	I
6092672	REETI PATIR (W)	429	III
6092673	ROHIT KUMAR	693	I
6092674	SHRESHTHA MUKHERJEE (W)	710	I
6092675	SHUBHAM BATRA	440	III
6092676	TEHMINA ABBAS (W)	555	II
6092677	VED PRAKASH	541	II
6092678	VINAYAK UPPAL	755	I
6092679	YAJUR TIWARI	531	II
6092680	VINAYAK BIDNAL	574	II

GRAPH REPRESENTING RESULT 2017-2018 OF III YEAR STUDENTS



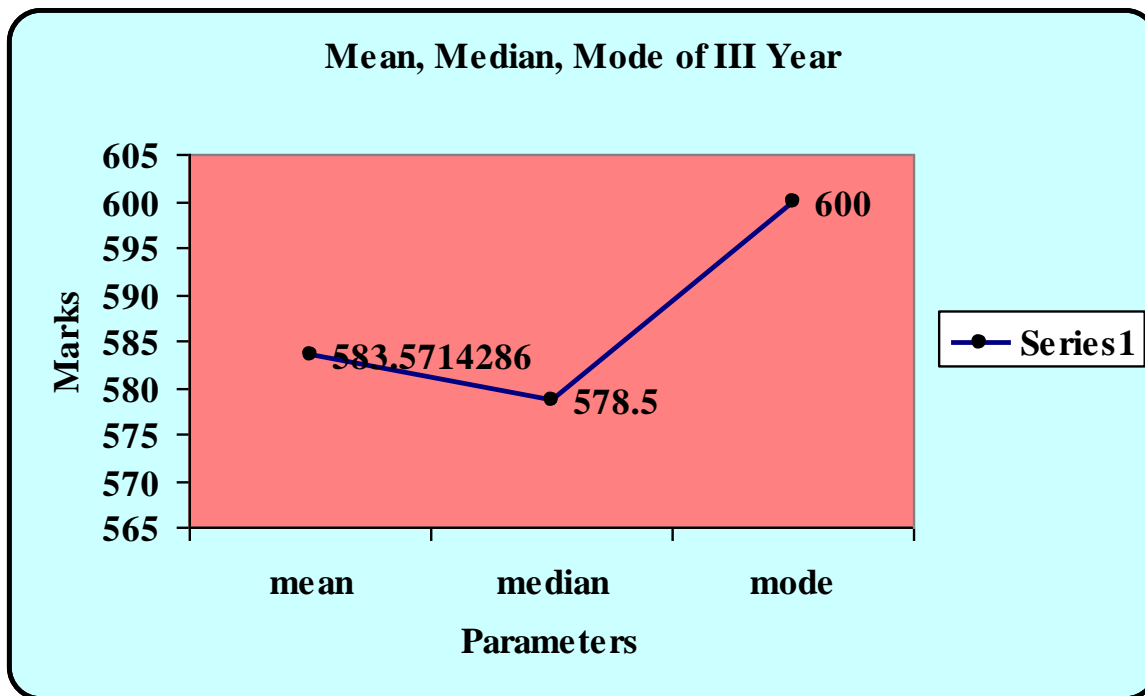
The above graph shows the marks obtained by the entire population of 28 students of III Year, Satyawati College

MEAN, MEDIAN, MODE
(Measures of Central Tendency)

Following is the mean, median and mode of the random sample chosen:

1. MEAN = 583.5714
2. MEDIAN = 578.5
3. MODE = 600

GRAPH REPRESENTING MEAN, MEDIAN, MODE of III YEAR 2017-2018



SKEWNESS

Skewness helps to determine the nature and extent of the concentration of the observations towards the higher or lower values of the variable.

Ist YEAR

The numerical observations or marks obtained are negatively skewed around the mean of 193.5.

Skewness = -0.07215

Therefore, the frequency curve will be negatively skewed with

$$\text{Mode} > \text{Median} > \text{Mean}$$

$$197 > 196.5 > 193$$

as has been shown by numerical calculations also.

IIInd YEAR

The numerical observations or marks obtained are positively skewed around the mean of 219.3667.

$$\text{Skewness} = 0.088936$$

Therefore, the frequency curve will be positively skewed with

$$\text{Mean} > \text{Median} > \text{Mode}$$

$$219.3667 > 218.5 > 194$$

as has been shown by numerical observations also.

IIIrd YEAR

The numerical observations or marks obtained are positively skewed around the mean of 583.5714.

$$\text{Skewness} = 0.064875$$

Therefore, the frequency curve will be positively skewed with

$$\text{Mean} > \text{Median} > \text{Mode}$$

$$583.5714 > 578.5 > 600$$

as has been shown by numerical observations also.