Data Entry, Formatting, and Analysis									
Sl. No.	**Student Name**	**Student ID**	**Marks**				**Total Marks** $(\sum x)$	**Average Marks** $\left(\frac{\sum x}{N}\right)$	**Grade**
			Subject 1 $(50 \le x \le 90)$	**Subject 2** $(70 \le x \le 80)$	**Subject 3** $(40 \le x \le 100)$	**Subject 4** $(30 \le x \le 50)$			
1	Md. Jakir Hossain	289403	85	72	89	40	286	71.5	B
2	Ali Ahammed Sajib	289404	90	80	100	50	320	80.0	A
3	Fariah Sultana	289405	83	71	55	40	249	62.3	C
4	Rony Sikder	289406	68	80	83	41	272	68.0	C
5	Puja Ghosh	289407	65	79	90	39	273	68.3	C
6	Rabiul Sharif	289408	50	70	40	30	190	47.5	F
7	Mahmud Anam	289409	79	77	67	45	268	67.0	C
8	Rifat Hasan	289410	80	71	79	44	274	68.5	C
9	Mohammad Ali	289411	63	72	81	38	254	63.5	C
10	Shakib Hossein	289412	79	75	59	42	255	63.8	C

Summary Statistics

Sl. No.	**Student Name**	**Student ID**	**Marks**			
			Subject 1 $(50 \le x \le 90)$	**Subject 2** $(70 \le x \le 80)$	**Subject 3** $(40 \le x \le 100)$	**Subject 4** $(30 \le x \le 50)$
1	Md. Jakir Hossain	289403	85	72	89	40
2	Ali Ahammed Sajib	289404	90	80	100	50
3	Fariah Sultana	289405	83	71	55	40
4	Rony Sikder	289406	68	80	83	41
5	Puja Ghosh	289407	65	79	90	39
6	Rabiul Sharif	289408	50	70	40	30
7	Mahmud Anam	289409	79	77	67	45
8	Rifat Hasan	289410	80	71	79	44
9	Mohammad Ali	289411	63	72	81	38
10	Shakib Hossein	289412	79	75	59	42
	Class average $\left(\frac{\sum x_i}{n}\right)$		74.2	74.7	74.3	40.9
	Maximum score for each subject		90	80	100	50
	Minimum score for each subject		50	70	40	30

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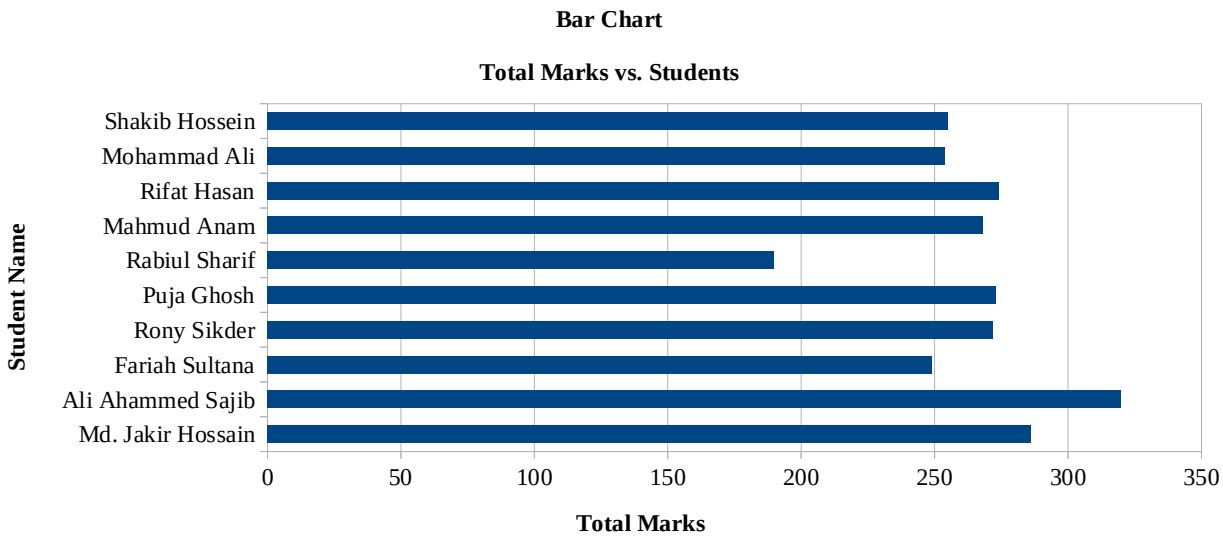
Data Visualization

Bar Chart



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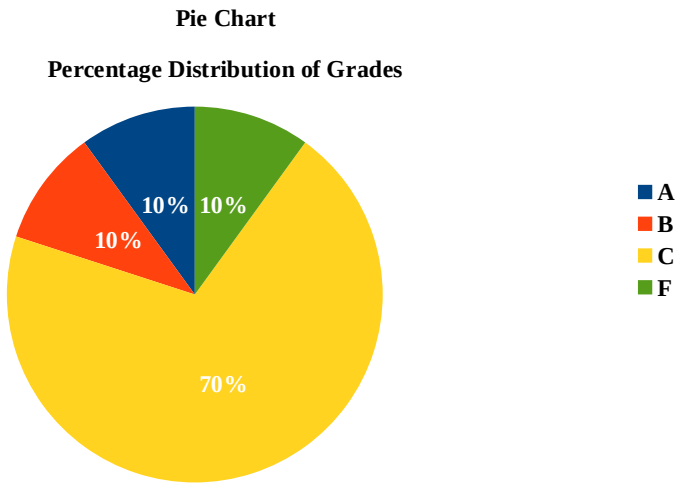
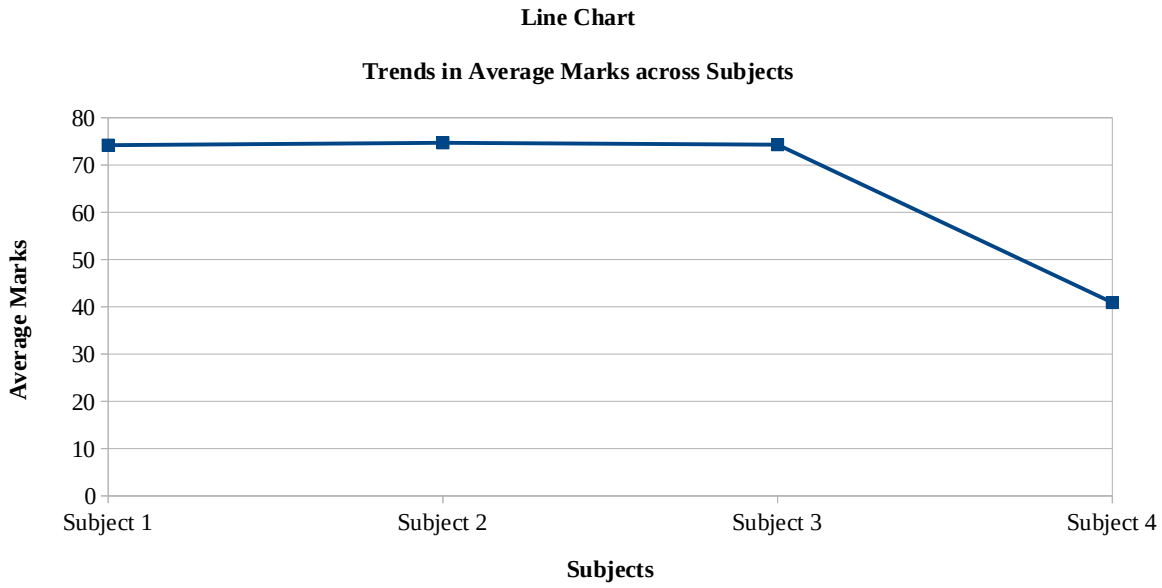
Pie Chart

Grades	Grade Count	Grade Percentage
A	1	10%
B	1	10%
C	7	70%
F	1	10%



Line Chart



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