

A value is trying to be set on a copy of a slice from a DataFrame

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy (https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

```
df['Category'][15]='OBC'
```

The DataFrame containing the entire class

Out[20]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	0
0	POOJA	F	G	68.0	68.0	NaN	NaN	NaN	NaN	60.0	79.0	54
1	KOMAL	F	G	NaN	NaN	NaN	NaN	NaN	91.0	88.0	94.0	90
2	SUKANTI	F	G	NaN	NaN							
3	PRISHITA	F	G	NaN	NaN	NaN	85.0	NaN	90.0	85.0	92.0	NaN
4	ANANTHA LAKSHMI MK	F	G	NaN	NaN	87.0	NaN	NaN	86.0	NaN	94.0	69
5	ANJALI	F	G	80.0	NaN	83.0	NaN	77.0	80.0	NaN	81.0	NaN
6	GARIMA RANA	F	G	79.0	79.0	NaN	NaN	NaN	NaN	71.0	84.0	74
7	RITU	F	SC	84.0	NaN	NaN	82.0	NaN	84.0	77.0	89.0	NaN
8	SIMRAN KAUR	F	G	90.0	NaN	NaN	88.0	NaN	NaN	88.0	91.0	NaN
9	AASHI	F	G	NaN	NaN	NaN	NaN	NaN	80.0	69.0	89.0	75
10	ROSHANI	F	G	NaN	79.0	NaN	NaN	NaN	NaN	61.0	86.0	58
11	PRAGATI TIWARI	F	G	NaN	NaN	88.0	NaN	NaN	86.0	NaN	91.0	67
12	KHUSHI	F	G	NaN	74.0	NaN	NaN	50.0	NaN	81.0	88.0	NaN
13	VANSHITA SHARMA	F	G	81.0	84.0	NaN	79.0	NaN	NaN	71.0	80.0	NaN
14	RAVREET KAUR	F	G	NaN	75.0	NaN	NaN	40.0	NaN	67.0	81.0	NaN
15	RIMPY	F	OBC	63.0	NaN	69.0	NaN	NaN	63.0	NaN	66.0	57
16	SIMMI	F	G	57.0	49.0	63.0	NaN	NaN	NaN	NaN	61.0	51
17	SANA	F	G	63.0	63.0	NaN	NaN	NaN	NaN	61.0	63.0	62
18	MEHAK	F	G	61.0	65.0	65.0	63.0	NaN	NaN	NaN	58.0	NaN
19	KHUSHI VAIID	F	G	66.0	68.0	70.0	NaN	NaN	NaN	NaN	63.0	49
20	BHAVNA SAINI	F	G	NaN	NaN	NaN	88.0	NaN	NaN	78.0	90.0	NaN
21	AARTI DEVI	F	SC	49.0	NaN	NaN	52.0	NaN	48.0	47.0	44.0	NaN
22	LALITA	F	SC	88.0	NaN	NaN	86.0	NaN	NaN	92.0	82.0	NaN
23	SANDEEP	M	SC	NaN	81.0	77.0	NaN	NaN	NaN	NaN	59.0	69
24	ANIKET	M	SC	54.0	59.0	57.0	NaN	NaN	NaN	NaN	55.0	47
25	VIKAS	M	SC	NaN	79.0	80.0	NaN	NaN	NaN	NaN	79.0	58
26	NAVPREET SINGH	M	SC	NaN	NaN	60.0	NaN	NaN	NaN	NaN	56.0	52
27	HARPREET SINGH	M	SC	NaN	83.0	79.0	NaN	NaN	NaN	NaN	61.0	69
28	SARANSH	M	SC	NaN	80.0	71.0	NaN	NaN	NaN	NaN	55.0	54
29	NAMAN SAINI	M	G	82.0	90.0	84.0	NaN	NaN	NaN	NaN	72.0	70
30	RANBIR SINGH	M	G	NaN	84.0	79.0	NaN	49.0	NaN	NaN	65.0	NaN

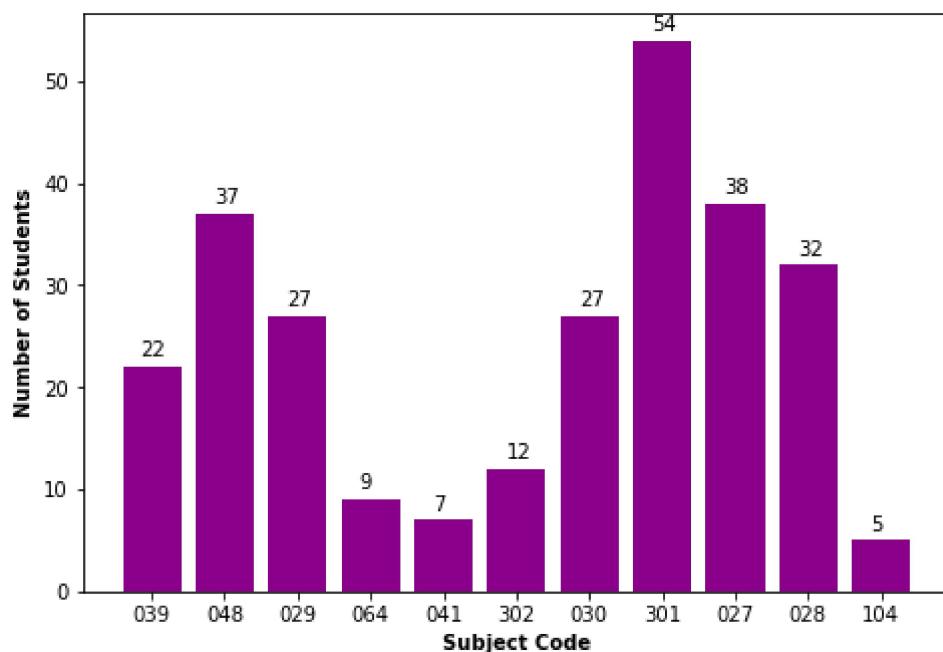
Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	0
31	JASHANDEEP	M	G	NaN	NaN	NaN	NaN	NaN	NaN	76.0	64.0	52
32	MANJINDER SINGH	M	G	NaN	69.0	72.0	NaN	NaN	NaN	NaN	73.0	62
33	PRABHJOT SINGH	M	G	NaN	88.0	NaN	NaN	NaN	NaN	79.0	75.0	73
34	TANISH KUMAR GUPTA	M	G	NaN	NaN	96.0	NaN	NaN	95.0	NaN	86.0	95
35	ABHISHEK RAWAT	M	G	80.0	87.0	81.0	NaN	NaN	NaN	NaN	79.0	67
36	AMAN	M	G	NaN	81.0	NaN	NaN	NaN	NaN	78.0	76.0	79
37	NITIN SINGH	M	G	NaN	75.0	NaN	73.0	NaN	NaN	70.0	79.0	NaN
38	GURJEET SINGH	M	G	NaN	82.0	NaN	NaN	NaN	NaN	70.0	77.0	73
39	SARVINDER SINGH	M	G	NaN	95.0	92.0	NaN	NaN	NaN	NaN	89.0	85
40	DINESH	M	G	NaN	68.0	73.0	NaN	NaN	NaN	NaN	72.0	64
41	NASIB SHARMA	M	G	72.0	85.0	NaN	NaN	47.0	NaN	67.0	60.0	NaN
42	VIMLESH PARSHAD	M	G	NaN	75.0	81.0	NaN	NaN	NaN	NaN	45.0	71
43	BHUVNESH	M	SC	NaN	67.0	NaN	NaN	50.0	NaN	54.0	83.0	NaN
44	SAGAR SHARMA	M	G	45.0	NaN	52.0	NaN	NaN	48.0	NaN	43.0	46
45	JASPREET SINGH	M	SC	61.0	62.0	62.0	NaN	NaN	NaN	NaN	58.0	58
46	NITIN KUMAR	M	SC	NaN	56.0	NaN	NaN	NaN	NaN	49.0	52.0	36
47	ANKUSH SURYA	M	G	NaN	73.0	NaN	NaN	35.0	NaN	69.0	74.0	NaN
48	BHAVYA AGNIHOTRI	M	G	NaN	54.0	NaN	NaN	NaN	NaN	33.0	70.0	48
49	ANUPAM KUMAR DUBEY	M	G	NaN	52.0	55.0	NaN	NaN	NaN	NaN	52.0	46
50	INDERPREET KAUR	F	G	NaN	67.0	NaN	NaN	NaN	NaN	52.0	75.0	48
51	ANCHAL	F	G	40.0	39.0	47.0	NaN	NaN	NaN	NaN	47.0	35
52	RESHMA	F	SC	NaN	NaN	51.0	NaN	NaN	48.0	NaN	30.0	46
53	RUPALI	F	SC	78.0	70.0	NaN	NaN	NaN	NaN	78.0	89.0	66
54	NAVINDER KAUR	F	SC	78.0	87.0	79.0	NaN	NaN	NaN	NaN	74.0	47

Some statistical figures

Out[21]:

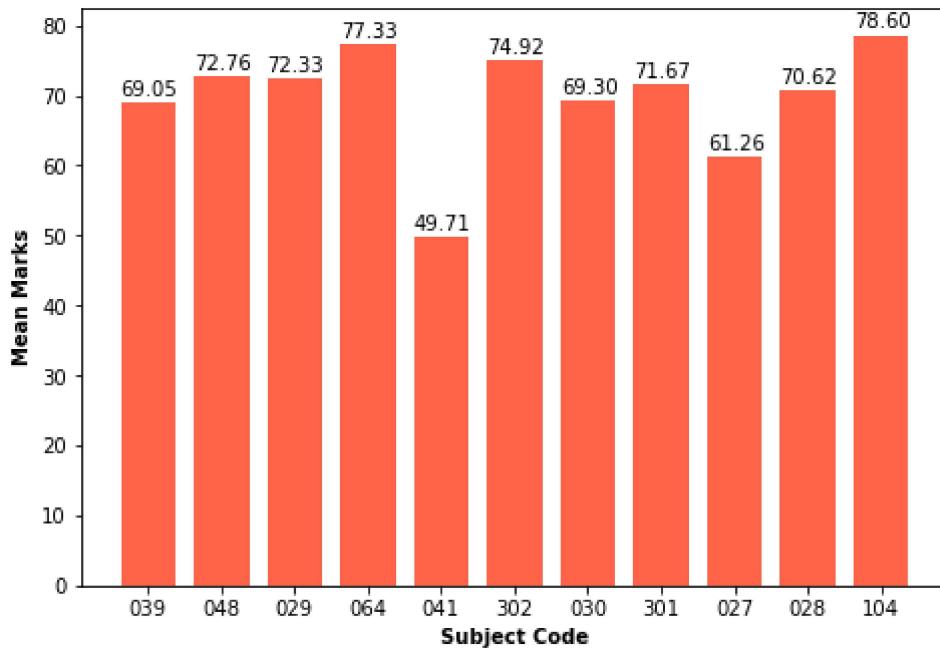
	039	048	029	064	041	302	030	301
count	22.000000	37.000000	27.000000	9.000000	7.000000	12.000000	27.000000	54.000000
mean	69.045455	72.756757	72.333333	77.333333	49.714286	74.916667	69.296296	71.666667
std	14.224316	12.614818	13.135390	12.509996	13.313080	18.052743	13.903001	15.483406
min	40.000000	39.000000	47.000000	52.000000	35.000000	48.000000	33.000000	30.000000
25%	61.000000	67.000000	62.500000	73.000000	43.500000	59.250000	61.000000	60.250000
50%	70.000000	75.000000	73.000000	82.000000	49.000000	82.000000	70.000000	74.500000
75%	80.000000	82.000000	81.000000	86.000000	50.000000	87.000000	78.000000	83.750000
max	90.000000	95.000000	96.000000	88.000000	77.000000	95.000000	92.000000	94.000000

How many students took each subject

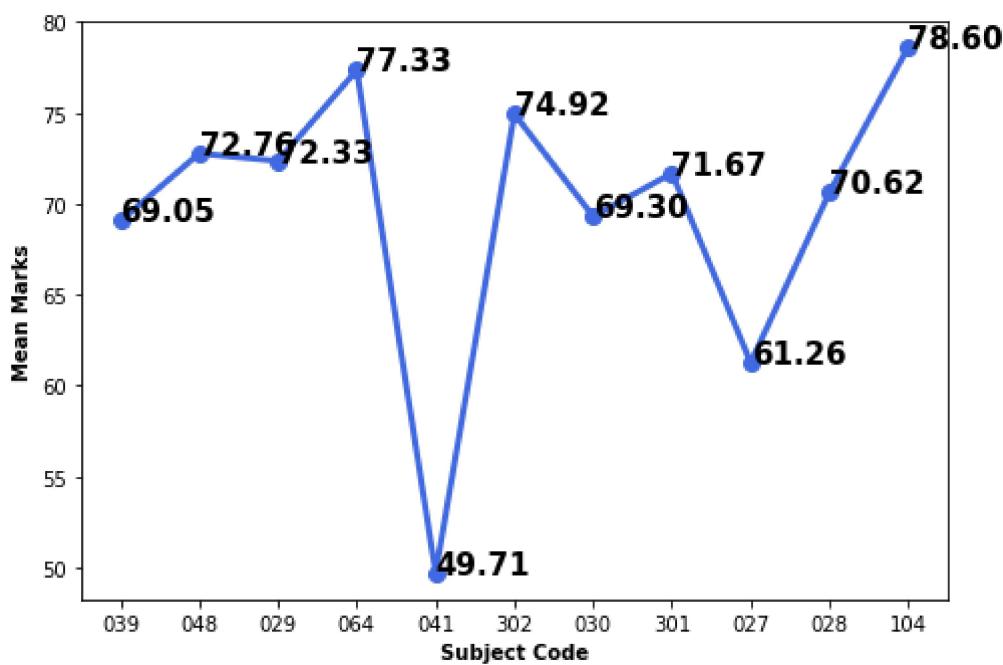


Mean score obtained in each subject

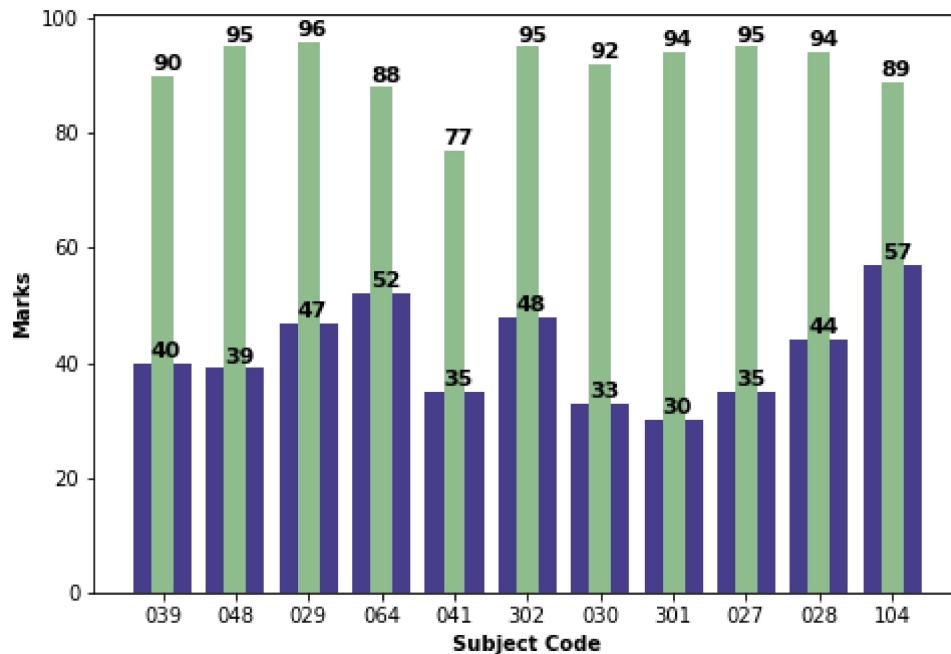
as a bar graph



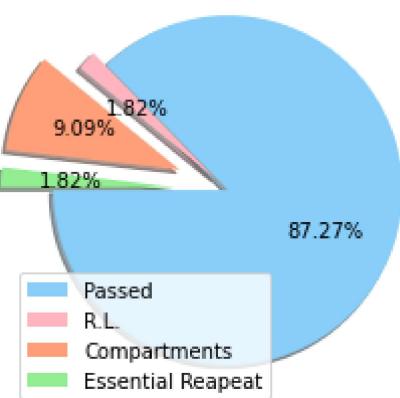
as a line plot



minimum and maximum marks in each subject



student result



Out[30]:

Passed	Compartments	Essential	Reapeat	R.L.
0	48	5	1	1

Some more statistical data

Out[31]:

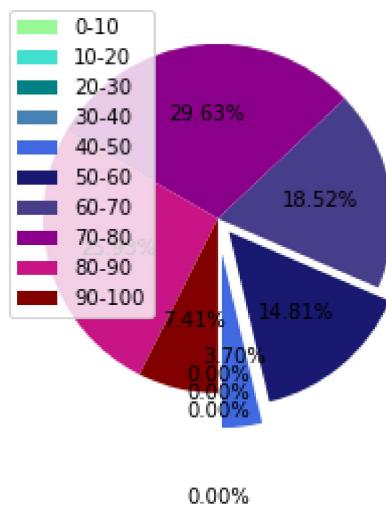
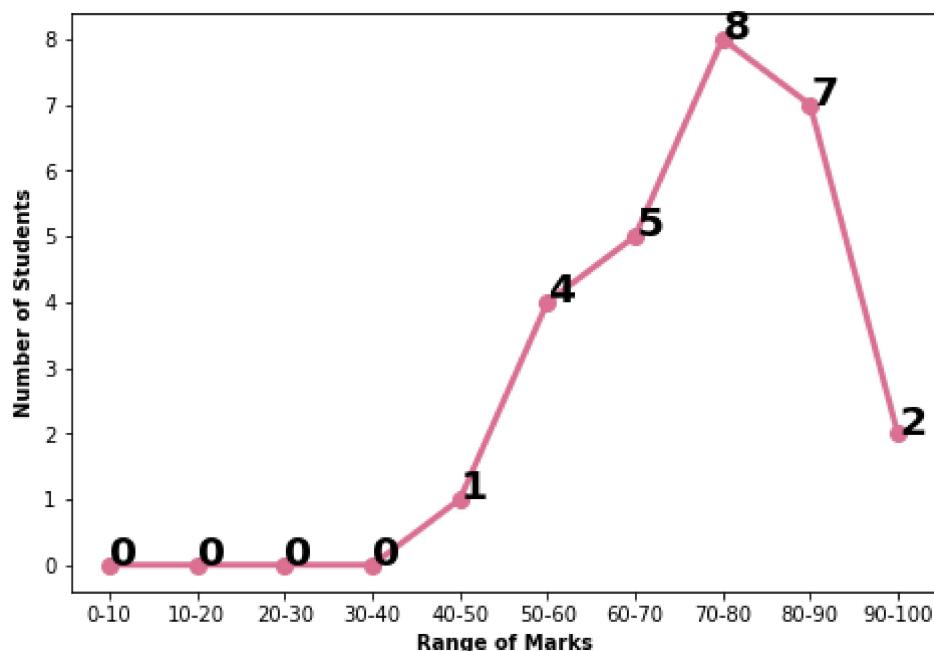
	039	048	029	064	041	302	030	301
count	22.000000	37.000000	27.000000	9.000000	7.000000	12.000000	27.000000	54.000000
mean	69.045455	72.756757	72.333333	77.333333	49.714286	74.916667	69.296296	71.666667
std	14.224316	12.614818	13.135390	12.509996	13.313080	18.052743	13.903001	15.483406
min	40.000000	39.000000	47.000000	52.000000	35.000000	48.000000	33.000000	30.000000
10%	49.500000	55.200000	53.800000	60.800000	38.000000	48.000000	50.800000	52.000000
20%	57.800000	63.400000	60.400000	69.000000	41.400000	51.000000	60.200000	58.000000
30%	61.600000	67.800000	64.600000	75.400000	45.600000	68.100000	65.800000	62.800000
40%	64.200000	69.400000	70.400000	79.600000	47.800000	80.000000	69.000000	70.400000
50%	70.000000	75.000000	73.000000	82.000000	49.000000	82.000000	70.000000	74.500000
60%	78.000000	79.000000	79.000000	84.400000	49.600000	85.200000	74.000000	79.000000
70%	79.700000	81.000000	80.200000	85.600000	50.000000	86.000000	78.000000	81.100000
80%	80.800000	83.800000	82.600000	86.800000	50.000000	89.200000	78.800000	86.800000
90%	83.800000	87.000000	87.400000	88.000000	60.800000	90.900000	86.200000	89.700000
max	90.000000	95.000000	96.000000	88.000000	77.000000	95.000000	92.000000	94.000000

students and marks distribution

subject: 029

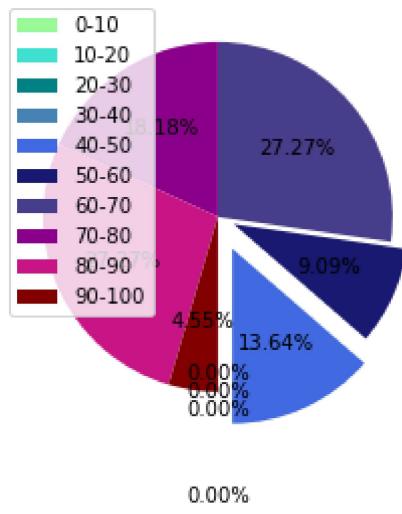
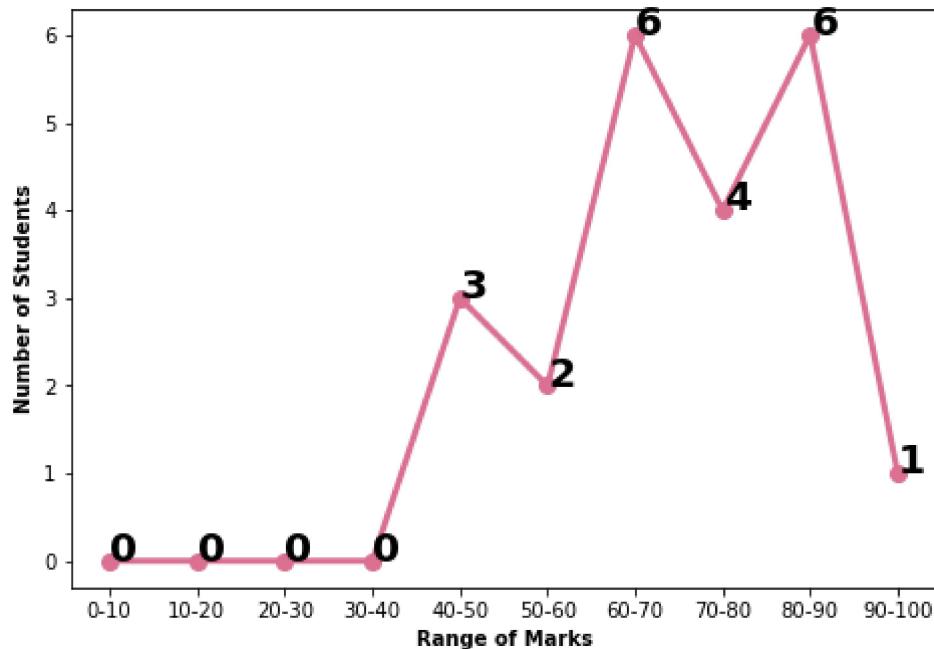
Out[33]:

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	0	1	4	5	8	7	2	27

**subject: 039**

Out[38]:

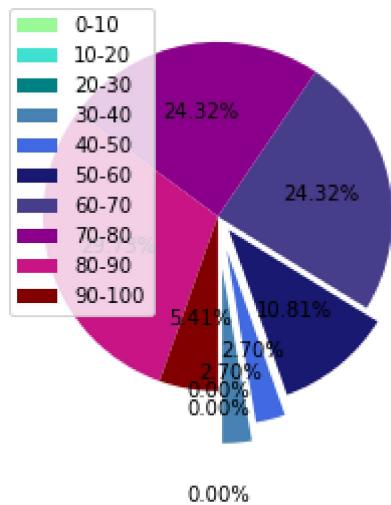
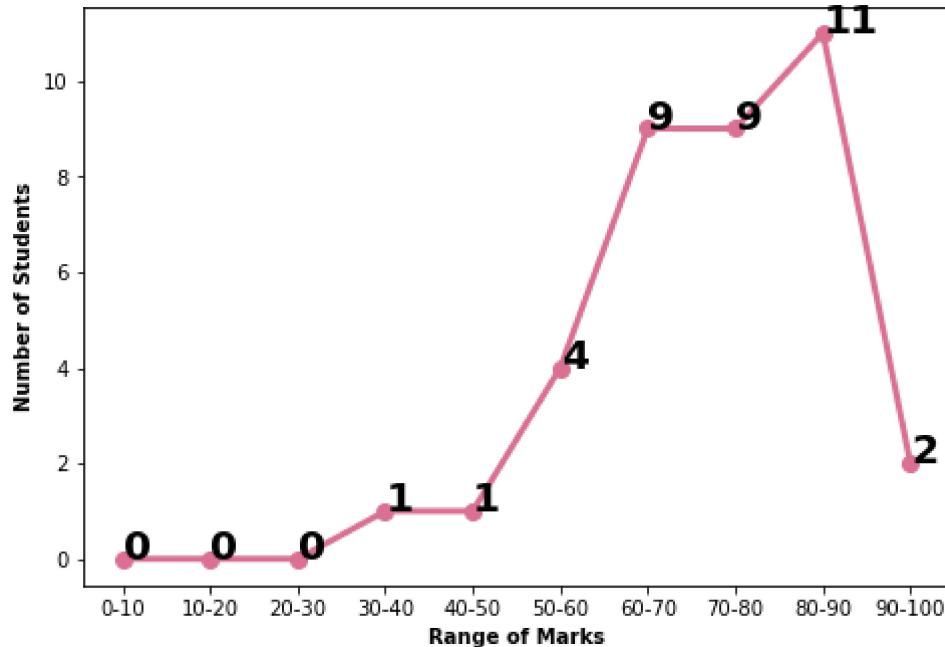
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	0	3	2	6	4	6	1	22



subject: 048

Out[43]:

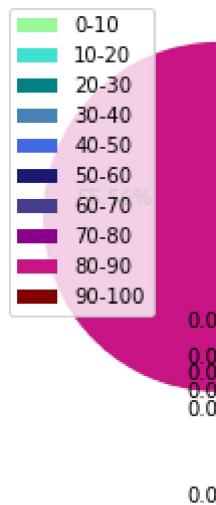
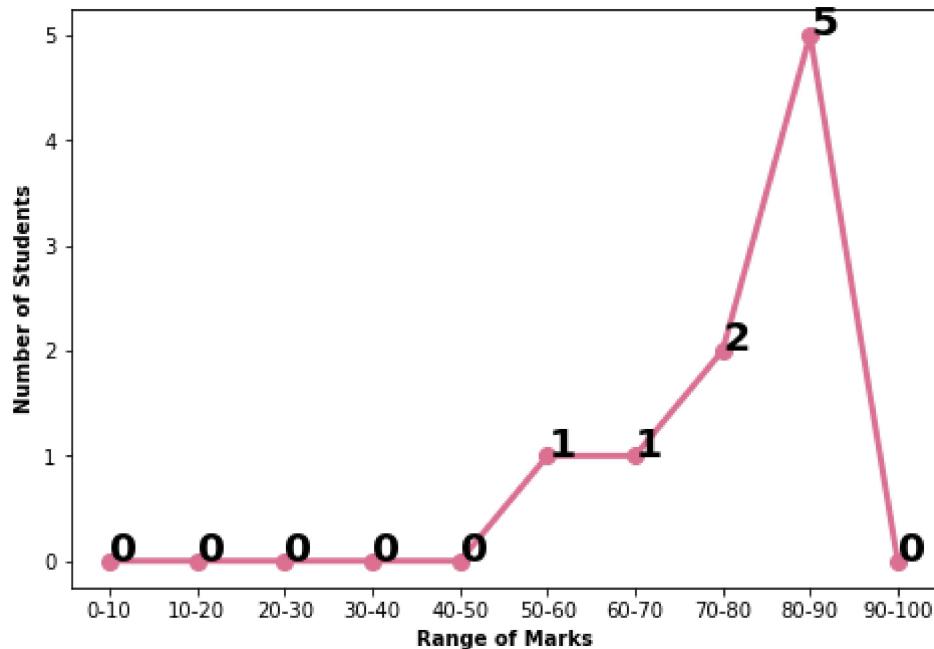
0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	1	4	9	9	11	2	37



subject: 064

Out[48]:

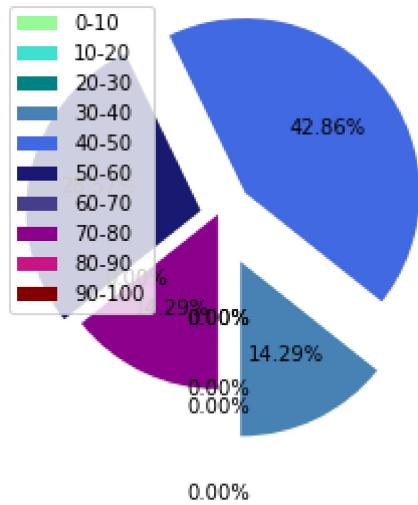
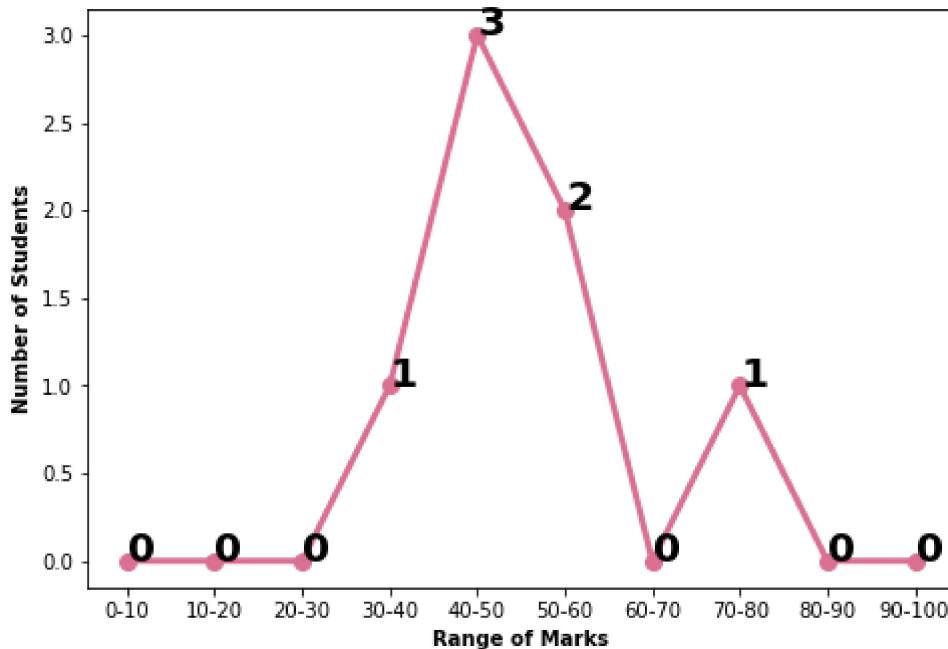
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	0	0	1	1	2	5	0	9



subject: 041

Out[53]:

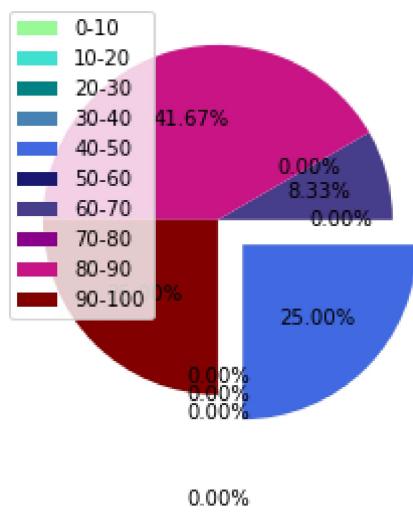
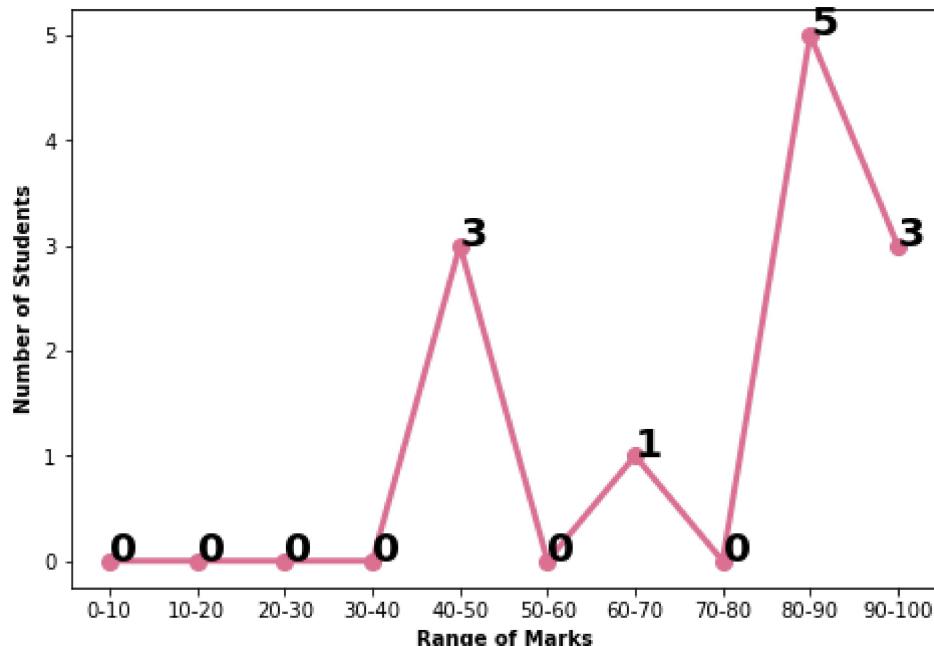
0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	1	3	2	0	1	0	7



subject: 302

Out[58]:

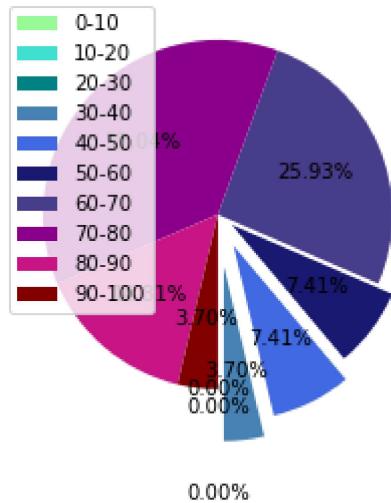
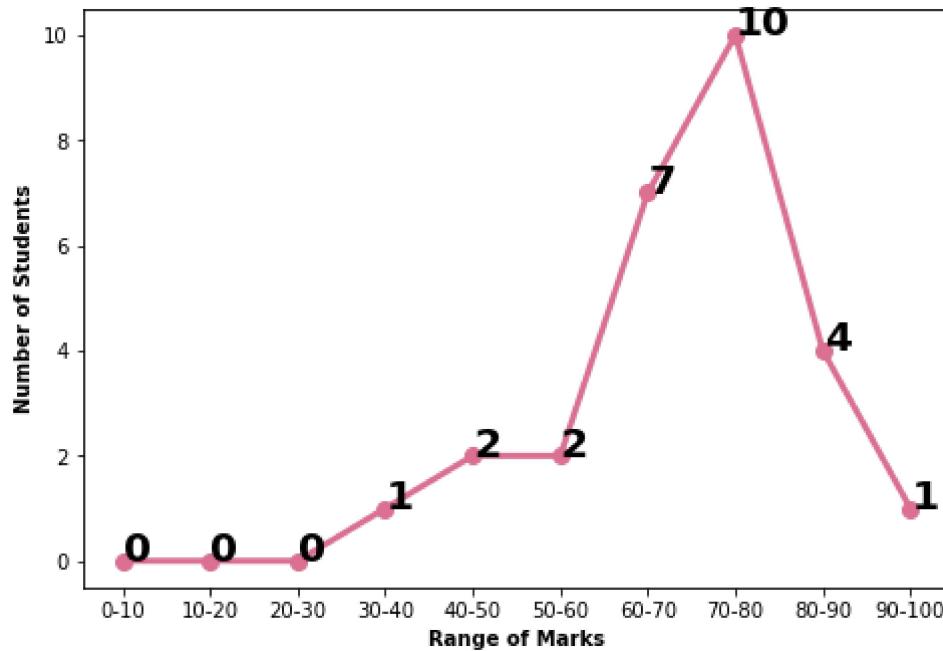
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	0	3	0	1	0	5	3	12



subject: 030

Out[63]:

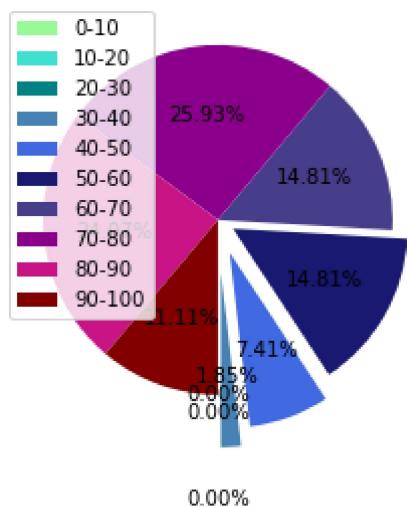
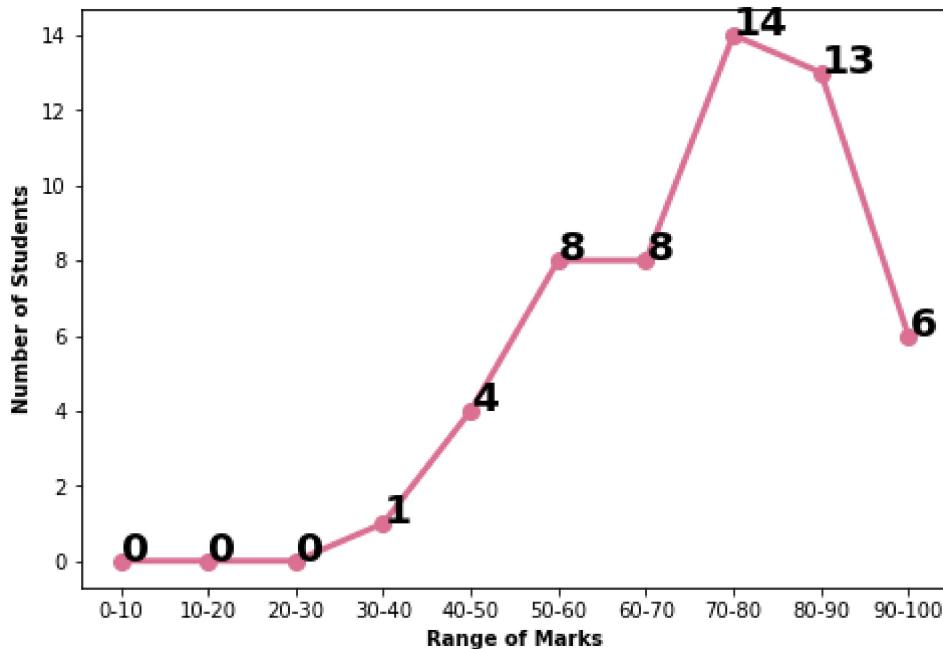
0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	1	2	7	10	4	1	27



subject: 301

Out[68]:

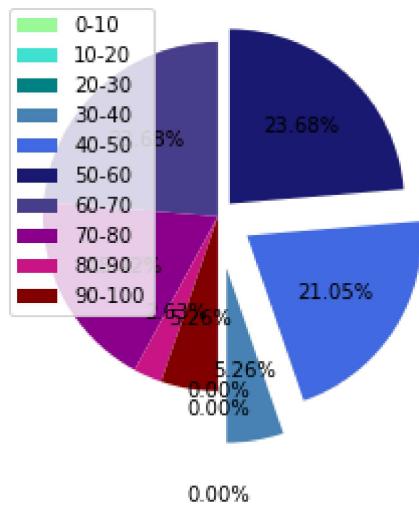
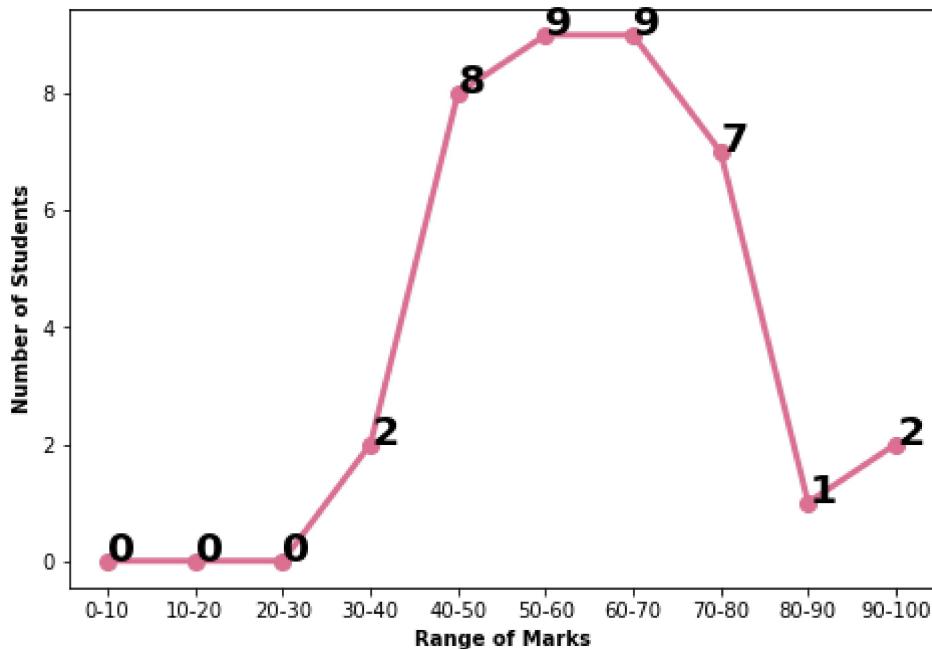
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	1	4	8	8	14	13	6	54



subject: 027

Out[73]:

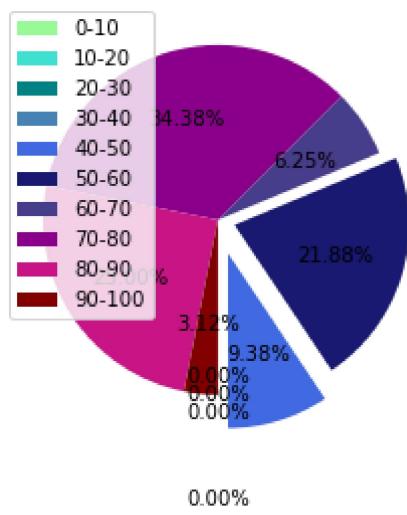
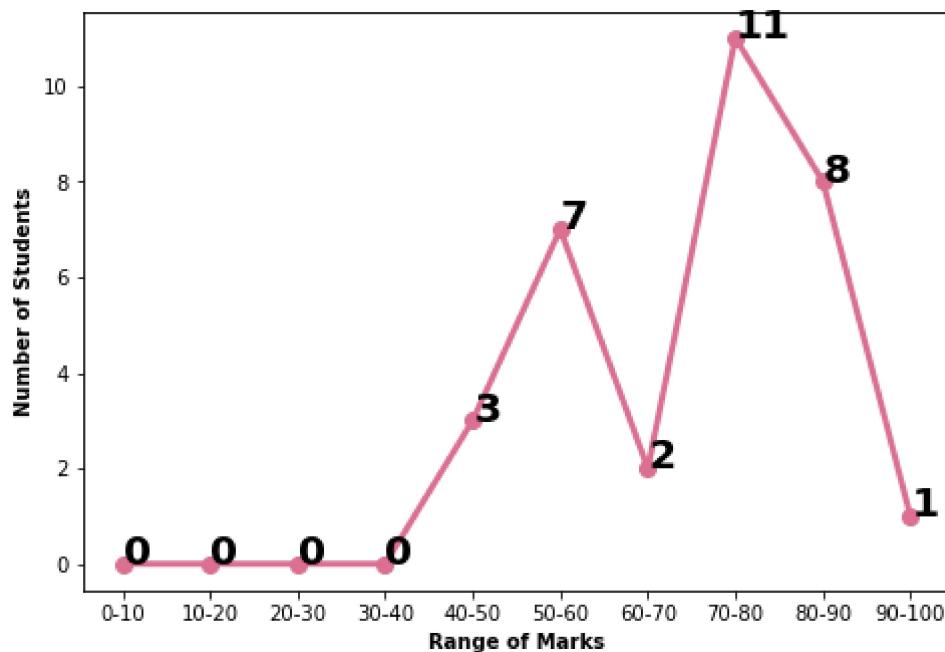
0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	2	9	9	7	1	2	38



subject: 028

Out[78]:

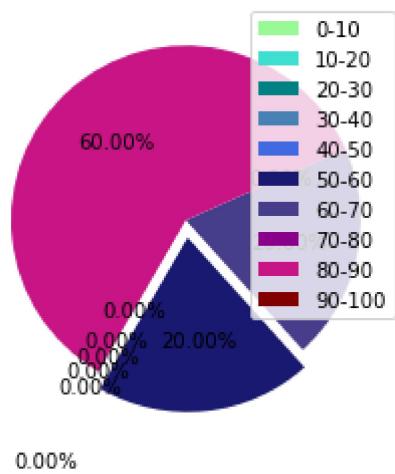
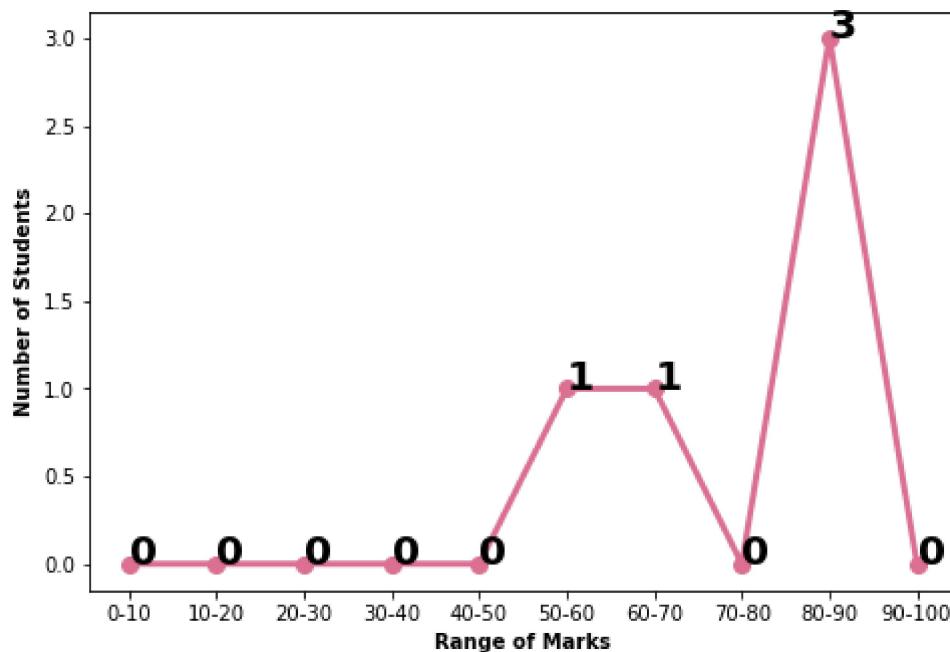
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	0	3	7	2	11	8	1	32



subject: 104

Out[83]:

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total Students
0	0	0	0	0	0	1	1	0	3	0	5



Some useful data

Number of Male and Female Students

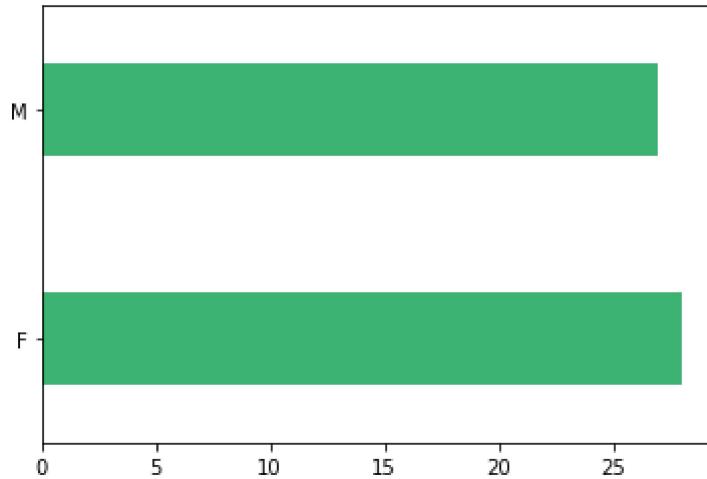
```
F    28
```

```
M    27
```

```
Name: Sex, dtype: int64
```

Out[87]:

```
<matplotlib.axes._subplots.AxesSubplot at 0x1387b76cc10>
```



Top 10 Students

Out[88]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	027
34	TANISH KUMAR GUPTA	M	G	NaN	NaN	96.0	NaN	NaN	95.0	NaN	86.0	95.0
1	KOMAL	F	G	NaN	NaN	NaN	NaN	NaN	91.0	88.0	94.0	90.0
39	SARVINDER SINGH	M	G	NaN	95.0	92.0	NaN	NaN	NaN	NaN	89.0	85.0
8	SIMRAN KAUR	F	G	90.0	NaN	NaN	88.0	NaN	NaN	88.0	91.0	NaN
22	LALITA	F	SC	88.0	NaN	NaN	86.0	NaN	NaN	92.0	82.0	NaN
20	BHAVNA SAINI	F	G	NaN	NaN	NaN	88.0	NaN	NaN	78.0	90.0	NaN
3	PRISHITA	F	G	NaN	NaN	NaN	85.0	NaN	90.0	85.0	92.0	NaN
7	RITU	F	SC	84.0	NaN	NaN	82.0	NaN	84.0	77.0	89.0	NaN
11	PRAGATI TIWARI	F	G	NaN	NaN	88.0	NaN	NaN	86.0	NaN	91.0	67.0
4	ANANTHA LAKSHMI MK	F	G	NaN	NaN	87.0	NaN	NaN	86.0	NaN	94.0	69.0

◀	▶
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Bottom 10 Students

Out[89]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	027
16	SIMMI	F	G	57.0	49.0	63.0	NaN	NaN	NaN	NaN	61.0	51.0
24	ANIKET	M	SC	54.0	59.0	57.0	NaN	NaN	NaN	NaN	55.0	47.0
49	ANUPAM KUMAR DUBEY	M	G	NaN	52.0	55.0	NaN	NaN	NaN	NaN	52.0	46.0
48	BHAVYA AGNIHOTRI	M	G	NaN	54.0	NaN	NaN	NaN	NaN	33.0	70.0	48.0
46	NITIN KUMAR	M	SC	NaN	56.0	NaN	NaN	NaN	NaN	49.0	52.0	36.0
21	AARTI DEVI	F	SC	49.0	NaN	NaN	52.0	NaN	48.0	47.0	44.0	NaN
44	SAGAR SHARMA	M	G	45.0	NaN	52.0	NaN	NaN	48.0	NaN	43.0	46.0
52	RESHMA	F	SC	NaN	NaN	51.0	NaN	NaN	48.0	NaN	30.0	46.0
51	ANCHAL	F	G	40.0	39.0	47.0	NaN	NaN	NaN	NaN	47.0	35.0
2	SUKANTI	F	G	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

◀	▶
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Top 10 Female Students

Out[90]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	027
1	KOMAL	F	G	NaN	NaN	NaN	NaN	NaN	91.0	88.0	94.0	90.0
8	SIMRAN KAUR	F	G	90.0	NaN	NaN	88.0	NaN	NaN	88.0	91.0	NaN
22	LALITA	F	SC	88.0	NaN	NaN	86.0	NaN	NaN	92.0	82.0	NaN
20	BHAVNA SAINI	F	G	NaN	NaN	NaN	88.0	NaN	NaN	78.0	90.0	NaN
3	PRISHITA	F	G	NaN	NaN	NaN	85.0	NaN	90.0	85.0	92.0	NaN
7	RITU	F	SC	84.0	NaN	NaN	82.0	NaN	84.0	77.0	89.0	NaN
11	PRAGATI TIWARI	F	G	NaN	NaN	88.0	NaN	NaN	86.0	NaN	91.0	67.0
4	ANANTHA LAKSHMI MK	F	G	NaN	NaN	87.0	NaN	NaN	86.0	NaN	94.0	69.0
5	ANJALI	F	G	80.0	NaN	83.0	NaN	77.0	80.0	NaN	81.0	NaN
13	VANSHTA SHARMA	F	G	81.0	84.0	NaN	79.0	NaN	NaN	71.0	80.0	NaN

Top 10 Male Students

Out[91]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	027
1	KOMAL	F	G	NaN	NaN	NaN	NaN	NaN	91.0	88.0	94.0	90.0
8	SIMRAN KAUR	F	G	90.0	NaN	NaN	88.0	NaN	NaN	88.0	91.0	NaN
22	LALITA	F	SC	88.0	NaN	NaN	86.0	NaN	NaN	92.0	82.0	NaN
20	BHAVNA SAINI	F	G	NaN	NaN	NaN	88.0	NaN	NaN	78.0	90.0	NaN
3	PRISHITA	F	G	NaN	NaN	NaN	85.0	NaN	90.0	85.0	92.0	NaN
7	RITU	F	SC	84.0	NaN	NaN	82.0	NaN	84.0	77.0	89.0	NaN
11	PRAGATI TIWARI	F	G	NaN	NaN	88.0	NaN	NaN	86.0	NaN	91.0	67.0
4	ANANTHA LAKSHMI MK	F	G	NaN	NaN	87.0	NaN	NaN	86.0	NaN	94.0	69.0
5	ANJALI	F	G	80.0	NaN	83.0	NaN	77.0	80.0	NaN	81.0	NaN
13	VANSHTA SHARMA	F	G	81.0	84.0	NaN	79.0	NaN	NaN	71.0	80.0	NaN

Top 5 Scores in Each Subject

```
8    90.0
22   88.0
7    84.0
29   82.0
13   81.0
Name: 039, dtype: float64
```

```
39   95.0
29   90.0
33   88.0
35   87.0
54   87.0
Name: 048, dtype: float64
```

```
34   96.0
39   92.0
11   88.0
4    87.0
29   84.0
Name: 029, dtype: float64
```

```
8    88.0
20   88.0
22   86.0
3    85.0
7    82.0
Name: 064, dtype: float64
```

```
5    77.0
12   50.0
43   50.0
30   49.0
41   47.0
Name: 041, dtype: float64
```

```
34   95.0
1    91.0
3    90.0
4    86.0
11   86.0
Name: 302, dtype: float64
```

```
22   92.0
8    88.0
1    88.0
3    85.0
12   81.0
Name: 030, dtype: float64
```

```
1    94.0
4    94.0
3    92.0
11   91.0
8    91.0
Name: 301, dtype: float64
```

```
34   95.0
1    90.0
39   85.0
36   79.0
```

```
42    77.0
Name: 027, dtype: float64
```

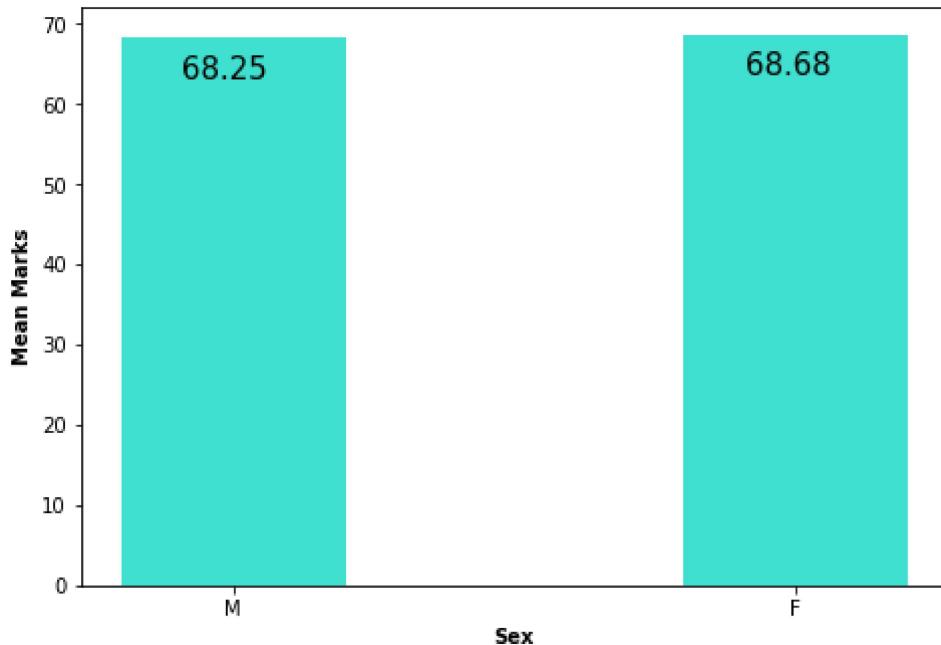
```
34    94.0
42    89.0
1     88.0
39    88.0
20    87.0
Name: 028, dtype: float64
```

```
8     89.0
20   89.0
22   89.0
31   69.0
26   57.0
Name: 104, dtype: float64
```

Mean Percentage

Average percentage obtained by male students: 68.25185185185185

Average percentage obtained by female students: 68.67857142857144



More on student result

Students with Compartments

Out[97]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	027
14 [REDACTED]	RAVREET KAUR	F	G	NaN	75.0	NaN	NaN	40.0	NaN	67.0	81.0	NaN
46 [REDACTED]	NITIN KUMAR	M	SC	NaN	56.0	NaN	NaN	NaN	NaN	49.0	52.0	36.0
47 [REDACTED]	ANKUSH SURYA	M	G	NaN	73.0	NaN	NaN	35.0	NaN	69.0	74.0	NaN
48 [REDACTED]	BHAVYA AGNIHOTRI	M	G	NaN	54.0	NaN	NaN	NaN	NaN	33.0	70.0	48.0
52 [REDACTED]	RESHMA	F	SC	NaN	NaN	51.0	NaN	NaN	48.0	NaN	30.0	46.0

◀ [REDACTED] ▶

Students with Essential Repeats

Out[98]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	027	0
51 [REDACTED]	ANCHAL	F	G	40.0	39.0	47.0	NaN	NaN	NaN	NaN	47.0	35.0	NaN

◀ [REDACTED] ▶

Students with R.L.s

Out[99]:

Roll No	Name	Sex	Category	039	048	029	064	041	302	030	301	027	0
2 [REDACTED]	SUKANTI	F	G	NaN									

◀ [REDACTED] ▶

Total Appeared and Total Compartments in each subject:

SUBJECT CODE: 039

Total appeared: 22
Total compartments: 0

SUBJECT CODE: 048

Total appeared: 37
Total compartments: 0

SUBJECT CODE: 029

Total appeared: 27
Total compartments: 0

SUBJECT CODE: 064

Total appeared: 9
Total compartments: 0

SUBJECT CODE: 041

Total appeared: 7
Total compartments: 2

SUBJECT CODE: 302

Total appeared: 12
Total compartments: 0

SUBJECT CODE: 030

Total appeared: 27
Total compartments: 1

SUBJECT CODE: 301

Total appeared: 54
Total compartments: 1

SUBJECT CODE: 027

Total appeared: 38
Total compartments: 1

SUBJECT CODE: 028

Total appeared: 32

Total compartments: 0

SUBJECT CODE: 104

Total appeared: 5

Total compartments: 0

MALE STUDENTS' INFORMATION

General Males in various percentage ranges

Out[103]:

0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
0	0	0	0	0	1	2	5	8	1

SC Males in various percentage ranges

Out[104]:

0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
0	0	0	0	0	1	2	3	3	0

OBC Males in various percentage ranges

Out[105]:

0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
0	0	0	0	0	0	0	0	0	0

Male students percentage ranges table

```
<ipython-input-106-3f5d521d2ff5>:5: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame
```

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy (https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

```
df1['Ranges'][i]=ranges[i]
```

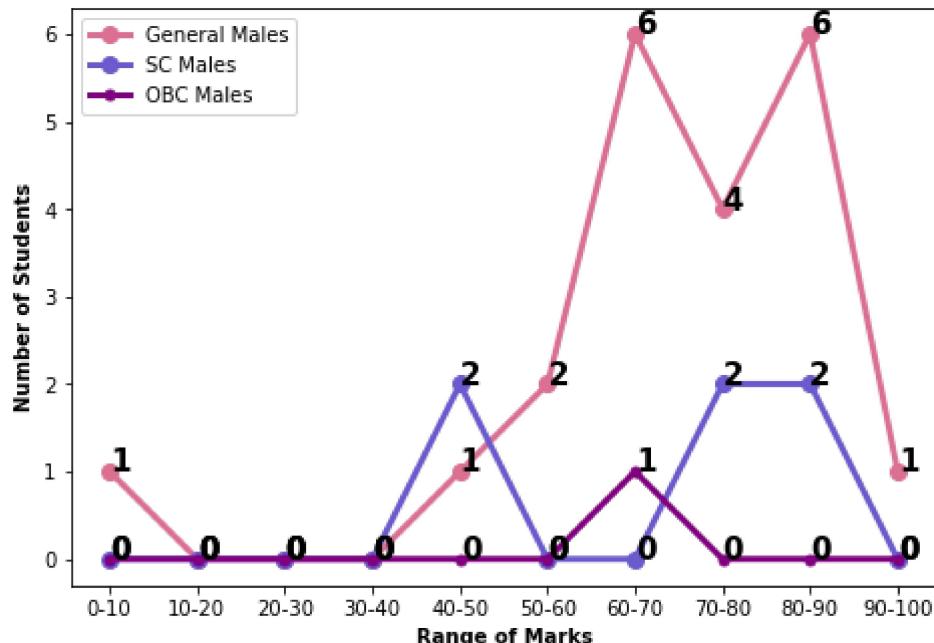
Out[106]:

Ranges	General	SC	OBC	Total
0-10	0	0	0	0
10-20	0	0	0	0
20-30	0	0	0	0
30-40	0	0	0	0
40-50	1	1	0	2
50-60	2	2	0	4
60-70	5	3	0	8
70-80	8	3	0	11
80-90	1	0	0	1
90-100	1	0	0	1
Total	18	9	0	27

Graphical Representation of Male Students' Percentages

Out[107]:

```
0
```



FEMALE STUDENT'S INFORMATION

General Females in various percentage ranges

Out[109]:

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
0	1	0	0	0	1	2	6	4	6	1

SC Females in various percentage ranges

Out[110]:

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
0	0	0	0	0	2	0	0	2	2	0

OBC Females in various percentage ranges

Out[111]:

0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
0	0	0	0	0	0	1	0	0	0

```
<ipython-input-113-63b22a7131e6>:5: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame
```

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy

```
df1['Ranges'][i]=ranges[i]
```

Out[113]:

Ranges	General	SC	OBC	Total
0-10	1	0	0	1
10-20	0	0	0	0
20-30	0	0	0	0
30-40	0	0	0	0
40-50	1	2	0	3
50-60	2	0	0	2
60-70	6	0	1	7
70-80	4	2	0	6
80-90	6	2	0	8
90-100	1	0	0	1
Total	21	6	1	28

Out[114]:

1

