

ds-2

May 8, 2024

```
[1]: import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline
```

```
[2]: data =pd.read_csv('tecdiv.csv')
data
```

```
[2]:
```

	Timestamp	Email Address \
0	1/17/2022 12:45:09	sejal.zambare19@pccoepune.org
1	1/17/2022 12:45:44	rushikesh.thorat19@pccoepune.org
2	1/17/2022 12:46:10	atharv.sontakke19@pccoepune.org
3	1/17/2022 12:46:21	amisha.sherekar19@pccoepune.org
4	1/17/2022 12:46:31	saurabh.sawardekar19@pccoepune.org
..
59	1/20/2022 9:24:40	pratik.meshram20@pccoepune.org
60	1/20/2022 9:36:14	prasad.zore19@pccoepune.org
61	1/20/2022 9:42:34	sudhir.varu19@pccoepune.org
62	1/20/2022 10:22:05	bhagyashree.takale19@pccoepune.org
63	1/20/2022 10:38:06	sarvesh.waghmare19@pccoepune.org

	Name	Email	Roll no \
0	Sejal Zambare	sejal.zambare19@gmail.com	TECOC359
1	Rushikesh Vilas Thorat	rushikesh.thorat19@pccoepune.org	TECOC347
2	Atharv Sontakke	atharv123sontakke@gmail.com	TECOC340
3	Amisha Sunil Sherekar	amisha.sherekar19@pccoepune.org	TECOC328
4	Saurabh Raju Sawardekar	saurabh.sawardekar19@pccoepune.org	TECOC326
..
59	Pratik Amrut Meshram	pratik.meshram20@pccoepune.org	TECOC381
60	Prasad Zore	prasad.zore@outlook.com	TECOC360
61	SUDHIR VARU	sudhirvaru01@gmail.com	TECOC351
62	Bhagyashree Gorakh Takale	bbhagyashree002@gmail.com	TECOC345
63	Waghmare Sarvesh Jitendra	sarvesh.waghmare19@pccoepune.org	TECOC356

	PRN No.	Mobile No.	First year:	Sem 1	First year:	Sem 2 \
0	72026841K	8208217782		8.40		8.60

1	72026776F	9021261925	8.14	8.14
2	72026742M	9009804629	6.61	6.61
3	72026696D	8698227548	7.20	7.30
4	72026682D	7774072850	7.05	7.45
..
59	72164278M	7666479857	0.00	0.00
60	72026843F	7387645749	8.31	8.27
61	72026799E	9657017250	8.31	8.42
62	72026760K	8805813576	8.70	8.50
63	72026817G	7218935035	6.90	7.07

	Second year:	Sem 1	Second year:	Sem 2
0		9.80		9.90
1		9.32		9.82
2		9.14		9.14
3		8.90		9.20
4		9.05		9.40
..	
59		9.09		9.36
60		9.45		9.77
61		8.53		8.64
62		8.70		8.80
63		9.05		9.20

[64 rows x 11 columns]

```
[3]: data.head()
```

```
[3]:
```

	Timestamp	Email Address \
0	1/17/2022 12:45:09	sejal.zambare19@pccoepune.org
1	1/17/2022 12:45:44	rushikesh.thorat19@pccoepune.org
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3	1/17/2022 12:46:21	amisha.sherekar19@pccoepune.org
4	1/17/2022 12:46:31	saaurabh.sawardekar19@pccoepune.org

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4	Saurabh Raju Sawardekar	saaurabh.sawardekar19@pccoepune.org	TECOC326

	PRN No.	Mobile No.	First year:	Sem 1	First year:	Sem 2 \
0	72026841K	8208217782		8.40		8.60
1	72026776F	9021261925		8.14		8.14
2	72026742M	9009804629		6.61		6.61
3	72026696D	8698227548		7.20		7.30

4	72026682D	7774072850	7.05	7.45
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	Second year:	Sem 1	Second year:	Sem 2
0		9.80		9.90
1		9.32		9.82
2		9.14		9.14
3		8.90		9.20
4		9.05		9.40

```
[4]: data.tail()
```

```
[4]:
```

	Timestamp	Email Address \
59	1/20/2022 9:24:40	pratik.meshram20@pccoepune.org
60	1/20/2022 9:36:14	prasad.zore19@pccoepune.org
61	1/20/2022 9:42:34	sudhir.varu19@pccoepune.org
62	1/20/2022 10:22:05	bhagyashree.takale19@pccoepune.org
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	Name	Email	Roll no \
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60	Prasad Zore	prasad.zore@outlook.com	TEC0C360
61	SUDHIR VARU	sudhirvaru01@gmail.com	TEC0C351
62	Bhagyashree Gorakh Takale	bbhagyashree002@gmail.com	TEC0C345
63	Waghmare Sarvesh Jitendra	sarvesh.waghmare19@pccoepune.org	TEC0C356

	PRN No.	Mobile No.	First year:	Sem 1	First year:	Sem 2 \
59	72164278M	7666479857		0.00		0.00
60	72026843F	7387645749		8.31		8.27
61	72026799E	9657017250		8.31		8.42
62	72026760K	8805813576		8.70		8.50
63	72026817G	7218935035		6.90		7.07

	Second year:	Sem 1	Second year:	Sem 2
59		9.09		9.36
60		9.45		9.77
61		8.53		8.64
62		8.70		8.80
63		9.05		9.20

```
[5]: data.describe()
```

```
[5]:
```

	Mobile No.	First year:	Sem 1	First year:	Sem 2 \
count	6.400000e+01		64.000000		64.000000
mean	8.623097e+09		8.834219		9.095469
std	9.132070e+08		11.187839		11.171986
min	7.028870e+09		0.000000		0.000000
25%	7.766559e+09		7.237500		7.655000

50%	8.805720e+09	8.260000	8.400000
75%	9.335094e+09	8.802500	9.115000
max	9.975810e+09	95.000000	95.000000

	Second year: Sem 1	Second year: Sem 2
count	64.000000	64.000000
mean	9.292031	9.377187
std	0.528523	0.495185
min	6.900000	7.200000
25%	9.050000	9.140000
50%	9.445000	9.450000
75%	9.645000	9.725000
max	9.910000	9.950000

```
[6]: data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 64 entries, 0 to 63
Data columns (total 11 columns):
#   Column                Non-Null Count  Dtype
---  -
0   Timestamp              64 non-null    object
1   Email Address          64 non-null    object
2   Name                   64 non-null    object
3   Email                  64 non-null    object
4   Roll no                64 non-null    object
5   PRN No.                64 non-null    object
6   Mobile No.             64 non-null    int64
7   First year: Sem 1      64 non-null    float64
8   First year: Sem 2      64 non-null    float64
9   Second year: Sem 1     64 non-null    float64
10  Second year: Sem 2     64 non-null    float64
dtypes: float64(4), int64(1), object(6)
memory usage: 5.6+ KB
```

```
[7]: data.dtypes
```

```
[7]: Timestamp              object
Email Address              object
Name                       object
Email                      object
Roll no                    object
PRN No.                    object
Mobile No.                 int64
First year: Sem 1          float64
First year: Sem 2          float64
Second year: Sem 1         float64
```

```
Second year:   Sem 2    float64
dtype: object
```

```
[8]: data.columns
```

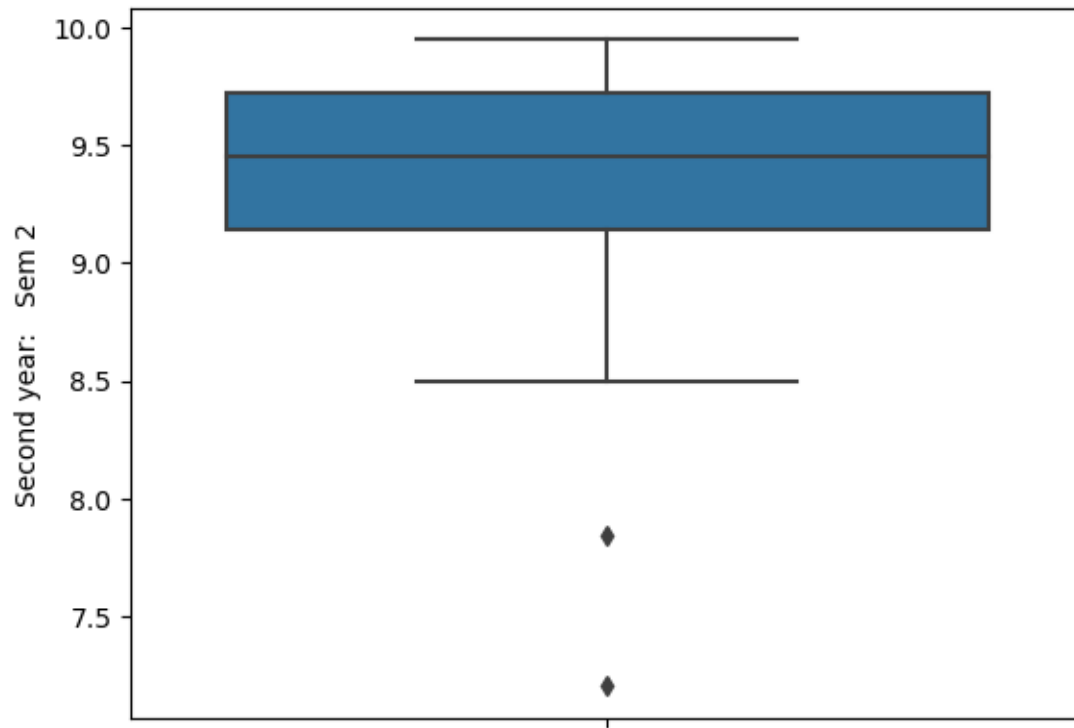
```
[8]: Index(['Timestamp', 'Email Address', 'Name', 'Email', 'Roll no ', 'PRN No.',
        'Mobile No.', 'First year:   Sem 1', 'First year:   Sem 2',
        'Second year:   Sem 1', 'Second year:   Sem 2'],
        dtype='object')
```

```
[9]: data.isnull().sum()
```

```
[9]: Timestamp           0
     Email Address       0
     Name                0
     Email               0
     Roll no             0
     PRN No.             0
     Mobile No.          0
     First year:   Sem 1  0
     First year:   Sem 2  0
     Second year:   Sem 1  0
     Second year:   Sem 2  0
     dtype: int64
```

```
[10]: sns.boxplot(y=data['Second year:   Sem 2'])
```

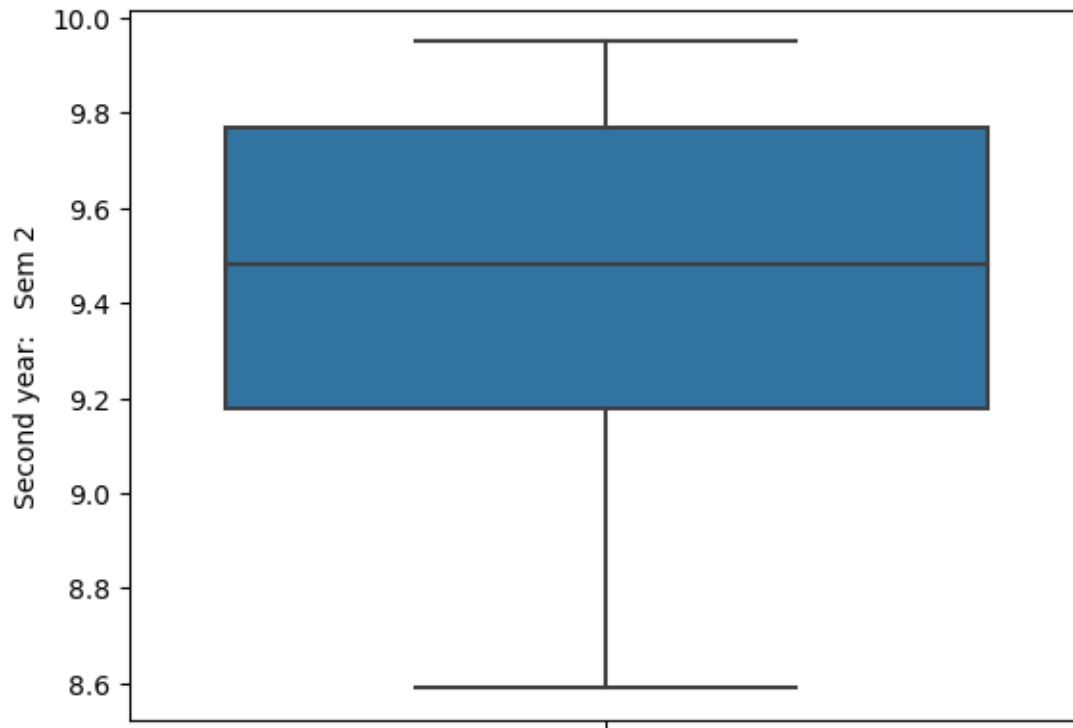
```
[10]: <Axes: ylabel='Second year:   Sem 2'>
```



```
[12]: dat1 = data[data['Second year: Sem 2']>8.5]
```

```
[14]: sns.boxplot(y=dat1['Second year: Sem 2'])
```

```
[14]: <Axes: ylabel='Second year: Sem 2'>
```



```
[15]: dat1
```

```
[15]:      Timestamp      Email Address \
0  1/17/2022 12:45:09    sejal.zambare19@pccoepune.org
1  1/17/2022 12:45:44    rushikesh.thorat19@pccoepune.org
2  1/17/2022 12:46:10    atharv.sontakke19@pccoepune.org
3  1/17/2022 12:46:21    amisha.sherekar19@pccoepune.org
4  1/17/2022 12:46:31    saurabh.sawardekar19@pccoepune.org
..      ...
59 1/20/2022 9:24:40      pratik.meshram20@pccoepune.org
60 1/20/2022 9:36:14      prasad.zore19@pccoepune.org
61 1/20/2022 9:42:34      sudhir.varu19@pccoepune.org
62 1/20/2022 10:22:05    bhagyashree.takale19@pccoepune.org
63 1/20/2022 10:38:06    sarvesh.waghmare19@pccoepune.org
```

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3	Amisha Sunil Sherekar	amisha.sherekar19@pccoepune.org	TECOC328
4	Saurabh Raju Sawardekar	saurabh.sawardekar19@pccoepune.org	TECOC326
..
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60	Prasad Zore	prasad.zore@outlook.com	TECOC360
61	SUDHIR VARU	sudhirvaru01@gmail.com	TECOC351
62	Bhagyashree Gorakh Takale	bbhagyashree002@gmail.com	TECOC345
63	Waghmare Sarvesh Jitendra	sarvesh.waghmare19@pccoopune.org	TECOC356

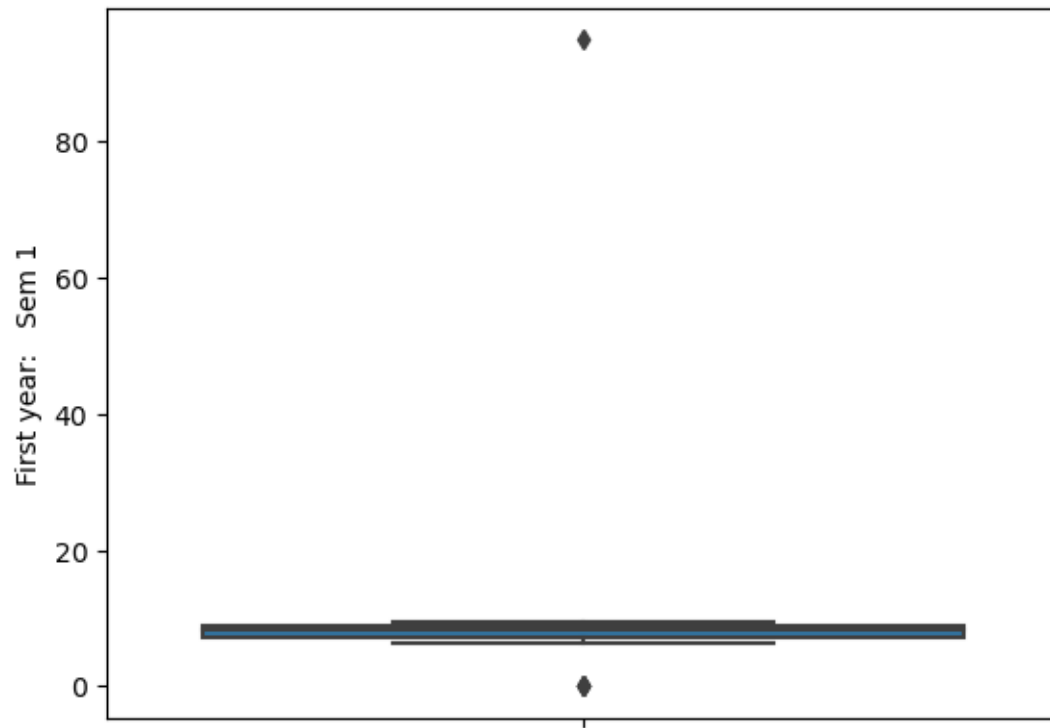
	PRN No.	Mobile No.	First year:	Sem 1	First year:	Sem 2	\
0	72026841K	8208217782		8.40		8.60	
1	72026776F	9021261925		8.14		8.14	
2	72026742M	9009804629		6.61		6.61	
3	72026696D	8698227548		7.20		7.30	
4	72026682D	7774072850		7.05		7.45	
..	
59	72164278M	7666479857		0.00		0.00	
60	72026843F	7387645749		8.31		8.27	
61	72026799E	9657017250		8.31		8.42	
62	72026760K	8805813576		8.70		8.50	
63	72026817G	7218935035		6.90		7.07	

	Second year:	Sem 1	Second year:	Sem 2
0		9.80		9.90
1		9.32		9.82
2		9.14		9.14
3		8.90		9.20
4		9.05		9.40
..	
59		9.09		9.36
60		9.45		9.77
61		8.53		8.64
62		8.70		8.80
63		9.05		9.20

[61 rows x 11 columns]

```
[18]: sns.boxplot(y=dat1["First year: Sem 1"])
```

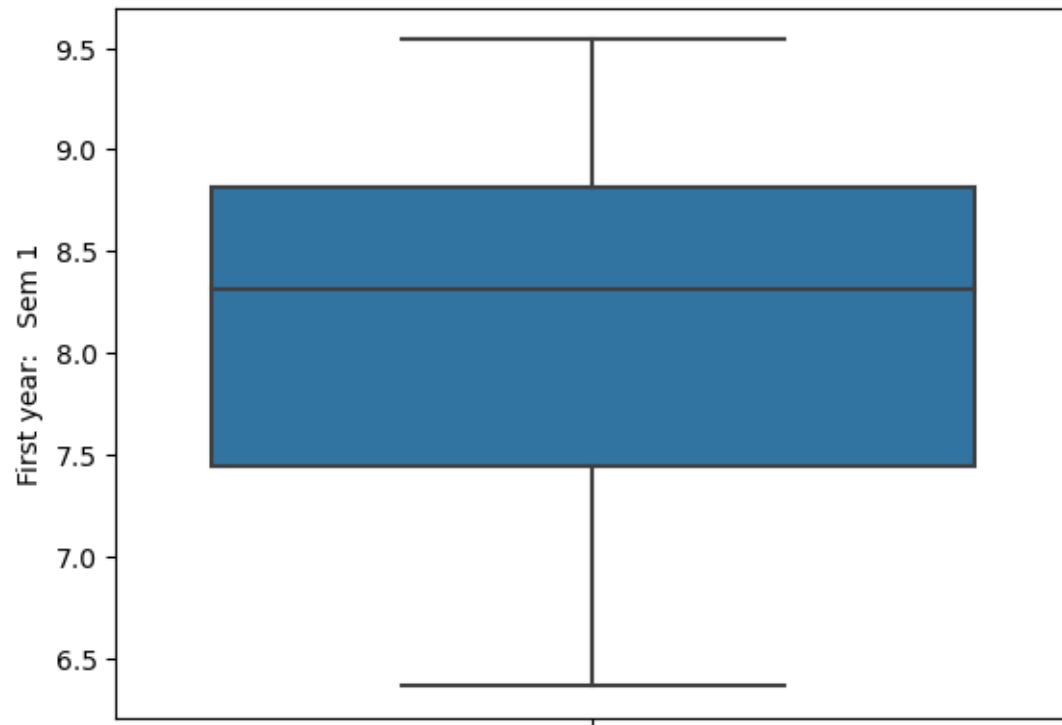
```
[18]: <Axes: ylabel='First year: Sem 1'>
```

```
[19]: dat2 = dat1[dat1['First year: Sem 1']<20]
```

```
[22]: sns.boxplot(y=dat2["First year: Sem 1"])
```

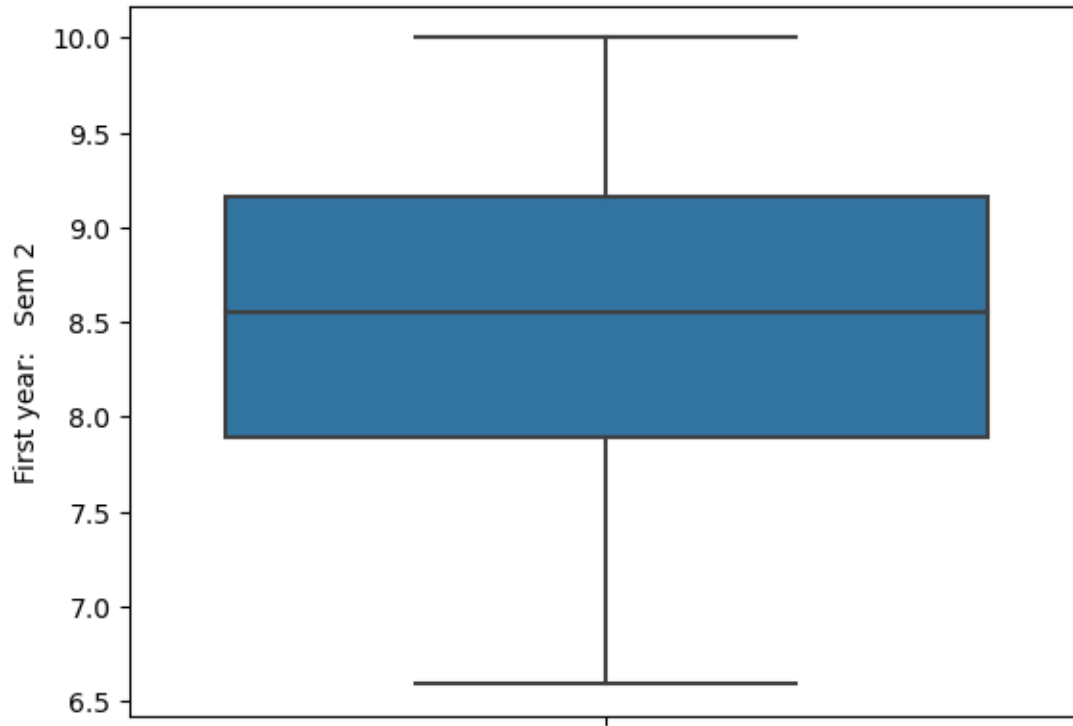
```
[22]: <Axes: ylabel='First year: Sem 1'>
```



```
[21]: dat2 = dat2[dat2["First year: Sem 1"]>1]
```

```
[23]: sns.boxplot(y=dat2["First year: Sem 2"])
```

```
[23]: <Axes: ylabel='First year: Sem 2'>
```



[24]: dat2

```
[24]:      Timestamp      Email Address \
0  1/17/2022 12:45:09      sejal.zambare19@pccoepune.org
1  1/17/2022 12:45:44      rushikesh.thorat19@pccoepune.org
2  1/17/2022 12:46:10      atharv.sontakke19@pccoepune.org
3  1/17/2022 12:46:21      amisha.sherekar19@pccoepune.org
4  1/17/2022 12:46:31      saurabh.sawardekar19@pccoepune.org
6  1/17/2022 12:48:27      janhavi.pimplikar19@pccoepune.org
7  1/17/2022 12:48:36      lalit.shirsath19@pccoepune.org
8  1/17/2022 12:48:47      shishir.singh19@pccoepune.org
9  1/17/2022 12:49:11      vighnesh.pathrikar19@pccoepune.org
10 1/17/2022 12:49:35      vedant.nerkar19@pccoepune.org
11 1/17/2022 12:51:15      twinkle.shirsath19@pccoepune.org
12 1/17/2022 12:51:43      akshay.siddannavar19@pccoepune.org
13 1/17/2022 12:51:44      avadhut.joshi19@pccoepune.org
14 1/17/2022 12:52:01      ritik.bazaz19@pccoepune.org
15 1/17/2022 12:52:32      sumedha.zaware19@pccoepune.org
16 1/17/2022 12:52:38      rushikesh.markad19@pccoepune.org
17 1/17/2022 12:54:06      tejaswini.zalki19@pccoepune.org
19 1/17/2022 12:57:12      atharva.sarode19@pccoepune.org
20 1/17/2022 12:57:49      rizwan.sayyed19@pccoepune.org
21 1/17/2022 12:58:20      siddhesh.vharamble19@pccoepune.org
```

22	1/17/2022	12:58:44	riya.shah19@pccoepune.org
23	1/17/2022	13:03:24	tejas.podutwar19@pccoepune.org
24	1/17/2022	13:03:40	aditi.naiknaware19@pccoepune.org
25	1/17/2022	14:26:54	prathamesh.pimparwar19@pccoepune.org
26	1/17/2022	14:31:50	sanskriti.raskar19@pccoepune.org
27	1/17/2022	15:20:24	pratik.athawale19@pccoepune.org
28	1/17/2022	15:33:45	mahesh.supe19@pccoepune.org
29	1/17/2022	16:07:20	komal.karkhile19@pccoepune.org
30	1/17/2022	17:12:16	nikita.gaikwad19@pccoepune.org
31	1/18/2022	9:28:00	abhishek.rath19@pccoepune.org
33	1/18/2022	10:29:57	pradnya.thakur19@pccoepune.org
34	1/18/2022	10:30:10	sakshi.tendulkar19@pccoepune.org
35	1/18/2022	10:30:34	akash.satpute19@pccoepune.org
36	1/18/2022	10:31:08	jai.suryawanshi19@pccoepune.org
37	1/18/2022	10:32:08	tushar.varkhede19@pccoepune.org
38	1/18/2022	10:33:20	rohit.sarode19@pccoepune.org
41	1/18/2022	10:37:46	chinmay.singhania19@pccoepune.org
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54	1/19/2022	10:21:43	saisanjana.prodduturu19@pccoepune.org
55	1/19/2022	10:23:55	mrinali.yewale19@pccoepune.org
56	1/19/2022	10:26:31	aniket.raut19@pccoepune.org
57	1/19/2022	10:39:32	deepali.javriya19@pccoepune.org
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7	Lalit vilas shirsath	lalitshirsath1111@gmail.com
8	Shishir Singh	shishirsingh5742@gmail.com
9	Vighnesh Pathrikar	vighnesh.pathrikar19@pccoepune.org

10	Vedant Narendra Nerkar	vedantnerkar11@gmail.com
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12	Akshay Ajay Siddannavar	akshay.siddannavar19@pccoepune.org
13	Avadhut Joshi	avadhut.joshi19@pccoepune.org
14	Ritik Bazaz	ritikbazazrb@gmail.com
15	Sumedha Zaware	zawaresumedha@gmail.com
16	Rushikesh Karbhari Markad	rushikeshmarkad0@gmail.com
17	Tejaswini Ashok Zalki	zalkiteju1420@gmail.com
19	Atharva Sachin Sarode	atharva.sarode19@pccoepune.org
20	Rizwan Sayyed	rizwan.sayyed19@pccoepune.org
21	Siddhesh Vharambale	siddhesh.vharamble19@pccoepune.org
22	Riya Sameer Shah	riya.shah19@pccoepune.org
23	Tejas Podutwar	tejas.podutwar19@pccoepune.org
24	Aditi Hanumant Naiknaware	aditi.naiknaware@gmail.com
25	Prathamesh Pimparwar	prathamesh.pimparwar19@pccoepune.org
26	Sanskriti Hanumant Raskar	sanskriti.raskar19@pccoepune.org
27	Pratik Athawale	pratik.athawale19@pccoepune.org
28	Mahesh Supe	maheshsupe714@gmail.com
29	Karkhile Komal Balu	komal.karkhile19@pccoepune.org
30	Nikita Sukhadev Gaikwad	nikitagaikwad281@gmail.com
31	Abhishek Rath	abhishek.rath19@pccoepune.org
33	Pradnya Thakur	pradnya.thakur19@pccoepune.org
34	Sakshi Tendulkar	sakshi.tendulkar19@pccoepune.org
35	Akash Satpute	akashsatpute244@gmail.com
36	JAI SURYAWANSHI	jai.suryawanshi19@pccoepune.org
37	Tushar Damodhar Varkhede	tusharvarkhede363@gmail.com
38	Rohit Sarde	rohitsarode2627@gmail.com
41	Chinmay Singhanian	chinmay.singhanian@gmail.com
42	Vishwajeet shankar shinde	vishwajeetshinde2001@gmail.com
43	Sudeep Pawar	sudeep pawar19@gmail.com
44	Diksha Waghchoure	diksha.waghchoure19@pccoepune.org
46	Abhishek Dongare	abhishekdongare2001@gmail.com
47	Rutuja Patil	rutupatil2000@gmail.com
48	Saumya Phadkar	saumya.phadkar@gmail.com
50	Pratiksha Pawar	pratiksha.pawar19@pccoepune.org
51	Sagar Dattatray Shirke	sagar.shirke19@pccoepune.org
52	Anushka	shriraonushka@gmail.com
53	Mohini Anandrao Shinde	mohini.shinde20@pccoepune.org
54	Sai Sanjana Prodduturu	saisanjana.prodduturu19@pccoepune.org
55	Mrunali Yewale	mrunali.yewale19@pccoepune.org
56	Aniket Raut	aniket.raut19@pccoepune.org
57	Deepali Javriya	deepali.javriya19@pccoepune.org
58	Gaurav Rasal	gauravvr77@gmail.com
60	Prasad Zore	prasad.zore@outlook.com
61	SUDHIR VARU	sudhirvaru01@gmail.com
62	Bhagyashree Gorakh Takale	bbhagyashree002@gmail.com
63	Waghmare Sarvesh Jitendra	sarvesh.waghmare19@pccoepune.org

	Roll no	PRN No.	Mobile No.	First year:	Sem 1 \
0	TECOC359	72026841K	8208217782		8.40
1	TECOC347	72026776F	9021261925		8.14
2	TECOC340	72026742M	9009804629		6.61
3	TECOC328	72026696D	8698227548		7.20
4	TECOC326	72026682D	7774072850		7.05
6	TECOC304	72026588G	7028925097		8.27
7	TECOC368	72026714F	7498041827		8.68
8	TECOC336	72026730H	9359146752		7.64
9	TECOC353	72026808H	8007669855		9.09
10	TECOB249	72026501M	9028008196		7.45
11	TECOC332	72026715D	9307452683		9.00
12	TECOC334	72026725M	9823343665		9.00
13	TECOC362	72026290K	8380995879		7.59
14	TECOC315	72026645K	9086791952		6.36
15	TECOC342	72072651L	8308261661		8.04
16	TECOC366	72026443L	9623614171		8.68
17	TECOC358	72026839H	9689650164		8.71
19	TECOC321	72026673E	8805627267		8.32
20	TECOC316	72026646H	9307781701		9.09
21	TECOC352	72026807K	9767417437		7.80
22	TECOC327	72026685J	9518597804		8.82
23	TECOC305	72026592E	9518505174		8.68
24	TECOC373	72026487B	8080105892		9.42
25	TECOC303	72026587J	7057421821		7.14
26	TECOC312	72026629H	8637729749		8.81
27	TECOC307	72026601H	7448228857		7.31
28	TECOC343	72026752J	9921967225		7.00
29	TECOC364	72026335	7028948265		8.87
30	TECOC367	72026507L	7507102142		8.95
31	TECOC313	72026631K	8459454489		9.13
33	TECOC369	72026774K	7620616603		9.02
34	TECOC346	72026772C	7887560141		8.80
35	TECOC323	72026676K	7744018328		8.50
36	TECOC344	72026757K	9172258853		7.60
37	TECOC350	72026797J	9579224129		8.66
38	TECOC322	72026674C	9975810366		6.63
41	TECOC337	72026732D	7028870131		7.54
42	TECOC329	72026709K	8888547620		8.25
43	TECOC302	72026584D	7249702685		8.10
44	TECOC355	72026815L	9325717326		7.90
46	TECOC361	72026168E	8788342904		8.95
47	TECOC318	72026655G	9327076993		7.25
48	TECOC324	72026678F	9881724240		7.40
50	TECOC301	72026579H	9660663089		8.98
51	TECOC331	72026713H	9421259558		8.61

52	TECOC333	72026721J	9309523229	7.00
53	TECOC378	120B20046	7360120199	8.90
54	TECOC309	72026605L	9075294894	7.13
55	TECOC357	72026836C	8381099465	8.55
56	TECOC314	72026640J	8605167820	7.27
57	TECOC372	72026114H	7999242308	9.54
58	TECOC311	72026627M	7722082807	8.59
60	TECOC360	72026843F	7387645749	8.31
61	TECOC351	72026799E	9657017250	8.31
62	TECOC345	72026760K	8805813576	8.70
63	TECOC356	72026817G	7218935035	6.90

	First year:	Sem 2	Second year:	Sem 1	Second year:	Sem 2
0		8.60		9.80		9.90
1		8.14		9.32		9.82
2		6.61		9.14		9.14
3		7.30		8.90		9.20
4		7.45		9.05		9.40
6		8.50		9.68		9.14
7		9.00		9.59		9.66
8		7.64		9.18		9.39
9		9.36		9.91		9.95
10		7.91		9.41		9.41
11		9.50		9.77		9.86
12		9.27		9.77		9.33
13		7.95		9.05		9.66
14		6.59		8.50		8.59
15		8.10		9.59		9.66
16		8.77		9.68		9.82
17		8.91		9.86		9.84
19		9.00		9.55		9.48
20		9.40		9.64		9.64
21		8.14		9.50		9.71
22		9.23		9.82		9.82
23		9.42		9.86		9.82
24		9.55		9.05		9.18
25		7.14		9.30		9.05
26		9.18		8.86		9.09
27		8.38		9.36		9.00
28		7.66		8.60		8.91
29		8.77		9.44		9.66
30		9.16		9.59		9.89
31		9.36		9.86		9.78
33		9.20		9.30		9.45
34		9.16		9.50		9.90
35		8.75		9.64		9.61
36		7.80		9.75		9.77

37	8.66	9.66	9.66
38	6.82	9.23	9.23
41	7.86	9.23	9.45
42	8.80	9.00	9.25
43	8.10	9.50	9.70
44	8.34	9.70	9.70
46	9.10	9.67	9.00
47	7.51	8.68	8.98
48	8.00	9.50	9.10
50	9.45	9.61	9.61
51	9.25	9.21	9.40
52	8.00	9.00	9.00
53	9.10	9.20	9.20
54	6.60	9.04	9.45
55	8.64	9.73	9.80
56	7.83	9.55	9.13
57	10.00	9.45	9.54
58	9.00	9.63	9.56
60	8.27	9.45	9.77
61	8.42	8.53	8.64
62	8.50	8.70	8.80
63	7.07	9.05	9.20

```
[25]: for i in dat2['Roll no '].iteritems():
      data['Roll no '][i[0]] = data['Roll no '][i[0]][-3:]
      data.head()
```

C:\Users\SUJIT JADHAV\AppData\Local\Temp\ipykernel_28384\782330581.py:1:
FutureWarning: iteritems is deprecated and will be removed in a future version.
Use .items instead.

```
for i in dat2['Roll no '].iteritems():
C:\Users\SUJIT JADHAV\AppData\Local\Temp\ipykernel_28384\782330581.py:2:
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

```
data['Roll no '][i[0]] = data['Roll no '][i[0]][-3:]
```

```
[25]:
Timestamp      Email Address \
0  1/17/2022 12:45:09      sejal.zambare19@pccoepune.org
1  1/17/2022 12:45:44      rushikesh.thorat19@pccoepune.org
2  1/17/2022 12:46:10      atharv.sontakke19@pccoepune.org
3  1/17/2022 12:46:21      amisha.sherekar19@pccoepune.org
4  1/17/2022 12:46:31      saurabh.sawardekar19@pccoepune.org
```

```

Name      Email Roll no \

```


0	Sejal Zambare	sejal.zambare19@gmail.com	359
1	Rushikesh Vilas Thorat	rushikesh.thorat19@pccoepune.org	347
2	Atharv Sontakke	atharv123sontakke@gmail.com	340
3	Amisha Sunil Sherekar	amisha.sherekar19@pccoepune.org	328
4	Saurabh Raju Sawardekar	saurabh.sawardekar19@pccoepune.org	326

	PRN No.	Mobile No.	First year:	Sem 1	First year:	Sem 2	\
0	72026841K	8208217782		8.40		8.60	
1	72026776F	9021261925		8.14		8.14	
2	72026742M	9009804629		6.61		6.61	
3	72026696D	8698227548		7.20		7.30	
4	72026682D	7774072850		7.05		7.45	

	Second year:	Sem 1	Second year:	Sem 2
0		9.80		9.90
1		9.32		9.82
2		9.14		9.14
3		8.90		9.20
4		9.05		9.40

[]: