

```
In [1]: import pandas as pd
df=pd.read_csv(r"C:\Users\Ramya\OneDrive\Documents\dataset\data.csv")
df
```

```
Out[1]:
```

	NAME	CLASS	SECTION	ROLLNO	EMAIL	PHNO	MARKS
0	B.Yamuna	AIR	A	37	yamunalovely9@gmail.com	8897859569	95
1	P.Devi	AIR	A	58	gundrasivesaidurga@gmail.com	9347791232	97
2	J.Ramya	AIR	A	52	jivvireddyramyasri@gmailcom	9676976652	90
3	K.Prasanthi	AIR	A	41	kesanakurthiprasanthi@gmail.com	7382934586	85
4	K.V. Niharika	AIR	A	54	karreveeraniharika@gmail.com	9182532802	96
5	K.Sri Niharika	AIR	A	9	karresriniharika@gmail.com	6300408089	90
6	Y.Kaveri	AIR	A	3	yendamurikaveri@gmail.com	7386015549	94
7	P.Durga	AIR	A	24	durgarani@gmail.com	8466845651	89
8	P.Akhila	AIR	A	29	bottaakhila@gmail.com	8397941799	90
9	P.Neelima	AIR	A	36	pinapalaramesh@gmail.com	7386803023	93

```
In [2]: df.max()
```

```
Out[2]:
```

NAME	Y.Kaveri
CLASS	AIR
SECTION	A
ROLLNO	58
EMAIL	yendamurikaveri@gmail.com
PHNO	9676976652
MARKS	97

dtype: object

```
In [3]: df.min()
```

```
Out[3]:
```

NAME	B.Yamuna
CLASS	AIR
SECTION	A
ROLLNO	3
EMAIL	bottaakhila@gmail.com
PHNO	6300408089
MARKS	85

dtype: object

```
In [4]: df["MARKS"].mean()
```

```
Out[4]: 91.9
```

```
In [6]: df["MARKS"].mode()
```

```
Out[6]: 0    90
Name: MARKS, dtype: int64
```

```
In [7]: df["MARKS"].median()
```

Out[7]: 91.5

In [9]: `df["MARKS"].var()`

Out[9]: 13.877777777777778

In [10]: `df["MARKS"].std()`

Out[10]: 3.725288952252936

In [11]: `df["MARKS"].cov(df["ROLLNO"])`

Out[11]: 17.144444444444446

In []: