```
import pandas as pd
data=pd.read_csv("/content/sample_data/Copy of college-3(pr3).csv")
print(college1.head())
```

```
     Enrollment             Name  Semester-1  Semester-2  Semester-3  \
0  1.910000e+11       Ada Mcleod    7.620354    3.758405    7.092259
1  1.910000e+11   Adeline Butler    4.817016    5.292012    7.858045
2  1.910000e+11  Adeline Jackson    6.588031    7.494025    2.229203
3  1.910000e+11      Aiden Dixon    4.965764    4.856208    3.378320
4  1.910000e+11   Aileen Vaughan    4.985777    6.511409    4.337121

   Semester-4  Semester-5  Semester-6  Semester-7  Semester-8   Average
0    1.077518    6.062457    9.399927    5.639720    6.733597  5.923030
1    6.545236    5.436654    3.180062    6.676835    8.835144  6.080125
2    1.436167    9.043876    5.419733    5.831064    0.311469  4.794196
3    5.907214    1.375857    9.215596    2.491202    9.487645  5.209726
4    5.052164    0.388954    4.580813    5.550545    3.988560  4.424418
```

```
average_marks=college1.loc[:,"Average"]
print("The mean of RNGPIT college is:"+str(average_marks.mean()))
print("The Standard Deviation of RNGPIT college is:"+str(average_marks.std()))
```

```
The mean of RNGPIT college is:4.868618216750001
The Standard Deviation of RNGPIT college is:0.7244960461220583
```

```
y=data["Average"]
```

```
y.mean(),
```

```
(4.868618216750001,)
```

```
y.std()
```

```
0.7244960461220583
```

```
import pandas as pd
data=pd.read_csv("/content/sample_data/Copy of college2.csv")
print(data.head())
```

```
   Unnamed: 0    Enrollment    Student Name  Semester 1  Semester 2  \
0           0  1.906700e+11     Abdul Potts        7.50        9.54
1           1  1.906700e+11    Aiden Gordon        3.71        2.92
2           2  1.906700e+11     Aiden Lloyd        2.35        9.13
3           3  1.906700e+11  Alexander Keys        2.01        8.66
4           4  1.906700e+11   Anabelle King        5.30        4.00

   Semester 3  Semester 4  Semester 5  Semester 6  Semester 7  Semester 8  \
0        8.21        7.12        9.62        7.10        8.13        3.17
1        2.03        8.49        6.58        6.70        3.35        4.89
2        2.16        2.91        7.31        3.70        5.68        8.52
3        5.19        8.80        5.80        8.34        9.83        6.44
4        2.53        8.08        8.18        7.18        4.30        2.40

      mean
0  7.54875
1  4.83375
2  5.22000
```

```
3  6.88375
4  5.24625
```

```
y=data['mean'].mean()
y
```

```
5.498200000000001
```

```
y=int(data['mean'])
y.std()
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
<ipython-input-21-a9ac813d858b> in <module>()
----> 1 y=int(data['mean'])
      2 y.std()

/usr/local/lib/python3.7/dist-packages/pandas/core/series.py in wrapper(self)
    183         if len(self) == 1:
    184             return converter(self.iloc[0])
--> 185         raise TypeError(f"cannot convert the series to {converter}")
    186
    187     wrapper.__name__ = f"__{converter.__name__}__"

TypeError: cannot convert the series to <class 'int'>
```

SEARCH STACK OVERFLOW