

In [141]: f"Mean of data is {Mean}"

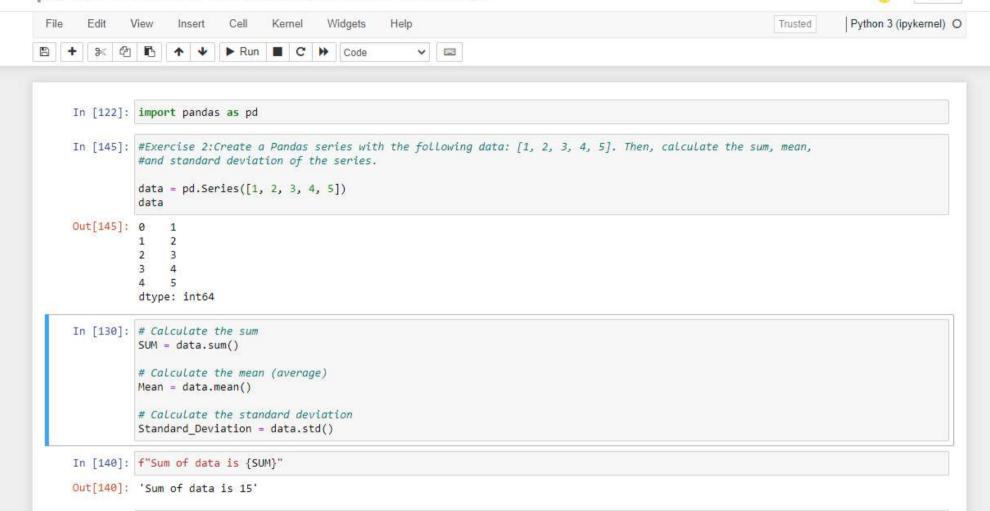
In [142]: f"Standard Deviation of data is {Standard_Deviation}"
Out[142]: 'Standard Deviation of data is 1.5811388300841898'

Out[141]: 'Mean of data is 3.0'

In []:



Logout





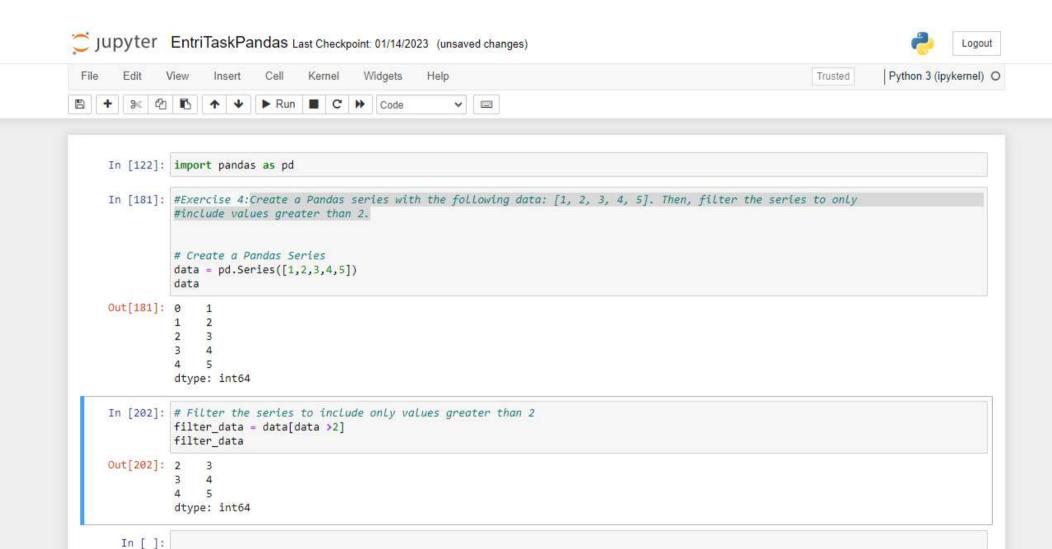


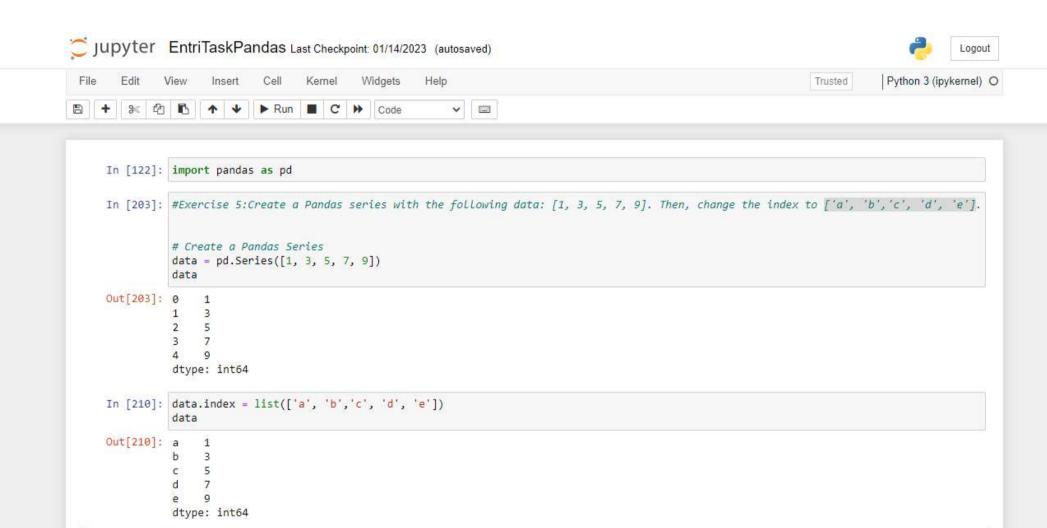
Python 3 (ipykernel) O

Trusted



```
In [122]: import pandas as pd
In [171]: #Exercise 3:Create a Pandas series with the following data: {'apples': 3, 'bananas': 2, 'oranges': 1}. Then,
          #add a new item to the series with the key 'pears' and the value 4
          # Create a Pandas Series
          data = pd.Series({'apples': 3, 'bananas': 2, 'oranges': 1})
          data
Out[171]: apples
                     3
          bananas
                     2
          oranges
                    1
          dtype: int64
In [158]: # Add a new item to the series
          data['pears'] = 4
          data
Out[158]: apples
          bananas
                     2
          oranges
                     1
          pears
          dtype: int64
In [176]: # Concatenate the new Series with the existing one
          new_add = pd.Series({'pears':4})
          # Create a new Series with 'pears' as the first item
          pd.concat([data,new_add])
          data
Out[176]: pears
                     4
          apples
                     3
          bananas
                     2
          oranges
                    1
          dtype: int64
 In [ ]:
```





In []: