```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import os

Traceback (most recent call last):
  File "C:\python projects\Sales Analysis\Sales\Sales.py",
  File "C:\python projects\Sales Analysis\Sales\Sales.py", line 1, in <module>
    import os
ImportError: cannot import name os from u'os' (C:\Python27\lib\os.pyc)
>>> import os
>>> os.chdir("./")
>>> os.listdir("./")
['Sales_April_2019.csv',
'Sales_August_2019.csv',
'Sales_December_2019.csv',
'Sales_February_2019.csv',
'Sales_January_2019.csv',
'Sales_July_2019.csv',
'Sales_June_2019.csv',
'Sales_March_2019.csv',
'Sales_May_2019.csv',
'Sales_November_2019.csv',
'Sales_October_2019.csv',
'Sales_September_2019.csv']
>>> path="./Sales/Sales_Data/"
>>> os.chdir("./")
>>> os.listdir("./")
>>> os.chdir("./Sales/Sales_Data/")
>>> os.listdir("./")
['Sales_April_2019.csv',
'Sales_August_2019.csv',
'Sales_December_2019.csv',
'Sales_February_2019.csv',
'Sales_January_2019.csv',
'Sales_July_2019.csv',
'Sales_June_2019.csv',
'Sales_March_2019.csv',
'Sales_May_2019.csv',
'Sales_November_2019.csv',
'Sales_October_2019.csv',
'Sales_September_2019.csv']
>>> path="./Sales/Sales_Data/"
>>> os.chdir("./")
>>> os.listdir("./")
>>> os.chdir("./Sales/Sales_Data/Sales_Data_Merged/")
>>> os.listdir("./")
['Sales.csv']
>>> sales=pd.read_csv("./Sales.csv")
>>> sales.shape
(186850, 6)
```

```
>>> sales.head(5).T
   Order ID  ...  Purchase Address
0    176558  ...  917 1st St, Dallas, TX 75001
1    176559  ...  382 Chestnut St, Boston, MA 02215
2    176560  ...  365 Cherry St, Los Angeles, CA 90001
3    176561  ...  492 Dogwood St, San Francisco, CA 94016
4    176562  ...  548 Lincoln St, Seattle, WA 98101

[5 rows x 6 columns]
>>> sales.tail(5).T
   Order ID  ...  Purchase Address
0    176558  ...  917 1st St, Dallas, TX 75001
1    176559  ...  382 Chestnut St, Boston, MA 02215
2    176560  ...  365 Cherry St, Los Angeles, CA 90001
3    176561  ...  492 Dogwood St, San Francisco, CA 94016
4    176562  ...  548 Lincoln St, Seattle, WA 98101

[5 rows x 6 columns]
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    object
Price Each          object
Order Date          object
Purchase Address    object
dtype: object
>>> sales.shape
(186850, 6)
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    object
Price Each          object
Order Date          object
Purchase Address    object
dtype: object
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    object
Price Each          object
Order Date          object
Purchase Address    object
dtype: object
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    object
Price Each          object
Order Date          object
Purchase Address    object
dtype: object
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    object
Price Each          object
Order Date          object
Purchase Address    object
dtype: object
>>> sales['Quantity Ordered'].dtype
>>> sales['Price Each'].dtype
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    object
Price Each          object
Order Date          object
Purchase Address    object
dtype: object
>>> sales['Quantity Ordered']=sales['Quantity Ordered'].astype(int)
>>> sales['Price Each']=sales['Price Each'].astype(float)
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales['Order Date']=sales['Order Date'].astype(str)
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales['Order Date']=sales['Order Date']
>>> sales['Price Each']
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales.head(1)
   Order ID  Product  Quantity Ordered  Price Each  Order Date  Purchase Address
0    176558  USB-C Charging Cable         2    11.95  04/19/19 08:46  917 1st St, Dallas, TX 75001
>>> sales.head(5).T
   Order ID  ...  Purchase Address
0    176558  ...  917 1st St, Dallas, TX 75001
1    176559  ...  382 Chestnut St, Boston, MA 02215
2    176560  ...  365 Cherry St, Los Angeles, CA 90001
3    176561  ...  492 Dogwood St, San Francisco, CA 94016
4    176562  ...  548 Lincoln St, Seattle, WA 98101

[5 rows x 6 columns]
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales['Order Date']=sales['Order Date'].astype(int)
>>> sales['Order Date']=sales['Order Date'].astype(int)
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales['Order Date']=sales['Order Date']
>>> sales['Order Date']=sales['Order Date']
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
>>> sales['Order Date']=sales['Order Date']
>>> sales['Order Date']=sales['Order Date']
>>> sales.head(1)
   Order ID  Product  Quantity Ordered  Price Each  Order Date  Purchase Address
0    176558  USB-C Charging Cable         2    11.95  04/19/19 08:46  917 1st St, Dallas, TX 75001
>>> sales.dtypes
Order ID            object
Product             object
Quantity Ordered    int64
Price Each          float64
Order Date          object
Purchase Address    object
dtype: object
```