

```
In [1]: !pip install pandas
```

```
Requirement already satisfied: pandas in c:\users\hp\anaconda3\lib\site-packages (2.1.4)
Requirement already satisfied: numpy<2, >=1.23.2 in c:\users\hp\anaconda3\lib\site-packages (from pandas) (1.26.4)
Requirement already satisfied: python-dateutil>=2.8.2 in c:\users\hp\anaconda3\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in c:\users\hp\anaconda3\lib\site-packages (from pandas) (2023.3.post1)
Requirement already satisfied: tzdata>=2022.1 in c:\users\hp\anaconda3\lib\site-packages (from pandas) (2023.3)
Requirement already satisfied: six>=1.5 in c:\users\hp\anaconda3\lib\site-packages (from python-dateutil>=2.8.2->pandas) (1.16.0)
```

```
In [2]: import pandas as pand
```

```
In [4]: jstore = pand.read_json(r'C:\Users\hp\Downloads\store_analysis.json') ## importing jstore
```

Out[4]:

	Category	City	Country/Region	Customer Name	Manufacturer	Order Date	
0	Office Supplies	Houston	United States	Darren Powers	Message Book	01/03/2020	10
1	Office Supplies	Naperville	United States	Phillina Ober	GBC	01/04/2020	1
2	Office Supplies	Naperville	United States	Phillina Ober	Avery	01/04/2020	1
3	Office Supplies	Naperville	United States	Phillina Ober	SAFCO	01/04/2020	1
4	Office Supplies	Philadelphia	United States	Mick Brown	Avery	01/05/2020	1
...
10189	Office Supplies	New York City	United States	Patrick O'Donnell	Wilson Jones	12/30/2023	1
10190	Office Supplies	Fairfield	United States	Erica Bern	GBC	12/30/2023	1
10191	Office Supplies	Loveland	United States	Jill Matthias	Other	12/30/2023	1
10192	Technology	New York City	United States	Patrick O'Donnell	Other	12/30/2023	1
10193	Office Supplies	Charlottetown	Canada	Harry Olson	Wilson Jones	12/30/2023	1

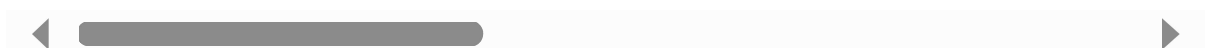
10194 rows × 19 columns

```
In [5]: xstore = pand.read_xml(r'C:\Users\hp\Downloads\store_analysis.xml') ## importing of  
xstore
```

Out[5]:

	Category	City	CountryRegion	CustomerName	Manufacturer	OrderDate
0	Office Supplies	Houston	United States	Darren Powers	Message Book	01/03/2002
1	Office Supplies	Naperville	United States	Phillina Ober	GBC	01/04/2002
2	Office Supplies	Naperville	United States	Phillina Ober	Avery	01/04/2002
3	Office Supplies	Naperville	United States	Phillina Ober	SAFCO	01/04/2002
4	Office Supplies	Philadelphia	United States	Mick Brown	Avery	01/05/2002
...
10189	Office Supplies	New York City	United States	Patrick O'Donnell	Wilson Jones	12/30/2002
10190	Office Supplies	Fairfield	United States	Erica Bern	GBC	12/30/2002
10191	Office Supplies	Loveland	United States	Jill Matthias	Other	12/30/2002
10192	Technology	New York City	United States	Patrick O'Donnell	Other	12/30/2002
10193	Office Supplies	Charlottetown	Canada	Harry Olson	Wilson Jones	12/30/2002

10194 rows × 7 columns



```
In [7]: hstore = pand.read_html(r'C:\Users\hp\Downloads\store analysis.html') ## importing
hstore
```

```

Out[7]: [
      0      1      2      3 \
0      Category      City      Country/Region      Customer Name
1      Office Supplies      Houston      United States      Darren Powers
2      Office Supplies      Naperville      United States      Phillina Ober
3      Office Supplies      Naperville      United States      Phillina Ober
4      Office Supplies      Naperville      United States      Phillina Ober
...      ...      ...      ...      ...
10190      Office Supplies      New York City      United States      Patrick O'Donnell
10191      Office Supplies      Fairfield      United States      Erica Bern
10192      Office Supplies      Loveland      United States      Jill Matthias
10193      Technology      New York City      United States      Patrick O'Donnell
10194      Office Supplies      Charlottetown      Canada      Harry Olson

      4      5      6      7 \
0      Manufacturer      Order Date      Order ID      Postal Code
1      Message Book      #####      US-2020-103800      77095
2      GBC      #####      US-2020-112326      60540
3      Avery      #####      US-2020-112326      60540
4      SAFCO      #####      US-2020-112326      60540
...      ...      ...      ...      ...
10190      Wilson Jones      #####      US-2023-143259      10009
10191      GBC      #####      US-2023-115427      94533
10192      Other      #####      US-2023-156720      80538
10193      Other      #####      US-2023-143259      10009
10194      Wilson Jones      #####      CA-2023-143500      C0A

      8      9 \
0      Product Name      Region
1      Message Book, Wirebound, Four 5 1/2" X 4" Form...      Central
2      GBC Standard Plastic Binding Systems Combs      Central
3      Avery 508      Central
4      SAFCO Boltless Steel Shelving      Central
...      ...      ...
10190      Wilson Jones Legal Size Ring Binders      East
10191      GBC Binding covers      West
10192      Bagged Rubber Bands      West
10193      Gear Head AU3700S Headset      East
10194      Wilson Jones Impact Binders      East

      10      11      12      13 \
0      Segment      Ship Date      Ship Mode      State/Province
1      Consumer      #####      Standard Class      Texas
2      Home Office      #####      Standard Class      Illinois
3      Home Office      #####      Standard Class      Illinois
4      Home Office      #####      Standard Class      Illinois
...      ...      ...      ...      ...
10190      Consumer      #####      Standard Class      New York
10191      Corporate      #####      Standard Class      California
10192      Consumer      #####      Standard Class      Colorado
10193      Consumer      #####      Standard Class      New York
10194      Consumer      #####      Standard Class      Prince Edward Island

      14      15      16      17      18
0      Sub-Category      Discount      Profit      Quantity      Sales
1      Paper      0.2      5.5512      2      16.448
2      Binders      0.8      -5.487      2      3.54

```

3	Labels	0.2	4.2717	3	11.784
4	Storage	0.2	-64.7748	3	272.736
...
10190	Binders	0.2	19.791	3	52.776
10191	Binders	0.2	6.475	2	20.72
10192	Fasteners	0.2	-0.6048	3	3.024
10193	Phones	0	2.7279	7	90.93
10194	Binders	0.2	-0.6048	3	3.024

[10195 rows x 19 columns]]

In []: