```
In [4]: # importing pandas
# It is particularly well-suited for working with structured data, such as tables o
import pandas as pd

In [8]: # Accessing a CSV file data from the local disk
# read row string
# (r'\filename.csv')
store = pd.read_csv(r'E:\One_Drive(Microsoft)\OneDrive\Data_Science_cource\Module_1
In [10]: print(store)
```

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```
Category
                                City Country/Region
                                                         Customer Name \
                              Houston United States
      Office Supplies
                                                         Darren Powers
      Office Supplies
                           Naperville United States
                                                         Phillina Ober
1
      Office Supplies
                           Naperville United States
2
                                                         Phillina Ober
3
      Office Supplies
                           Naperville United States
                                                         Phillina Ober
4
      Office Supplies
                        Philadelphia United States
                                                            Mick Brown
. . .
10189 Office Supplies New York City United States Patrick O'Donnell
10190 Office Supplies
                            Fairfield United States
                                                             Erica Bern
10191 Office Supplies
                            Loveland United States
                                                          Jill Matthias
10192
            Technology New York City United States Patrick O'Donnell
10193 Office Supplies Charlottetown
                                             Canada
                                                           Harry Olson
      Manufacturer Order Date
                                      Order ID Postal Code \
0
      Message Book 03-01-2020 US-2020-103800
                                                      77015
               GBC 04-01-2020 US-2020-112326
                                                     60540
1
2
              Avery 04-01-2020 US-2020-112326
                                                     60540
3
              SAFCO
                    04-01-2020 US-2020-112326
                                                     60540
4
              Avery 05-01-2020 US-2020-141817
                                                     19143
                . . .
                           . . .
                                                       . . .
. . .
10189 Wilson Jones 30-12-2023 US-2023-143259
                                                     10009
               GBC 30-12-2023 US-2023-115427
10190
                                                     94533
                    30-12-2023 US-2023-156720
10191
             Other
                                                     80538
10192
              Other 30-12-2023 US-2023-143259
                                                     10009
10193 Wilson Jones 30-12-2023 CA-2023-143500
                                                       C0A
                                            Product Name
                                                           Region \
0
      Message Book, Wirebound, Four 5 1/2" X 4" Form... Central
              GBC Standard Plastic Binding Systems Combs Central
1
2
                                              Avery 508 Central
3
                           SAFCO Boltless Steel Shelving
      Avery Hi-Liter EverBold Pen Style Fluorescent ...
4
                                                             East
. . .
                                                             . . .
10189
                   Wilson Jones Legal Size Ring Binders
                                                            East
                                      GBC Binding covers
10190
                                                            West
10191
                                     Bagged Rubber Bands
                                                            West
10192
                              Gear Head AU3700S Headset
                                                             East
                             Wilson Jones Impact Binders
10193
                                                             East
          Segment
                    Ship Date
                                    Ship Mode
                                                     State/Province \
         Consumer 07-01-2020 Standard Class
0
                                                              Texas
1
      Home Office 08-01-2020 Standard Class
                                                           Illinois
2
      Home Office 08-01-2020
                               Standard Class
                                                           Illinois
3
      Home Office 08-01-2020 Standard Class
                                                           Illinois
4
         Consumer 12-01-2020 Standard Class
                                                       Pennsylvania
               . . .
                           . . .
                                                                 . . .
. . .
         Consumer 03-01-2024 Standard Class
10189
                                                           New York
10190
        Corporate 03-01-2024 Standard Class
                                                         California
10191
                   03-01-2024 Standard Class
                                                           Colorado
         Consumer
10192
         Consumer 03-01-2024 Standard Class
                                                           New York
         Consumer 03-01-2024 Standard Class Prince Edward Island
10193
                              Profit Quantity
      Sub-Category Discount
                                                  Sales
                                                 16.448
0
             Paper
                        0.2
                              5.5512
                                              2
1
           Binders
                        0.8 -5.4870
                                              2
                                                  3.540
2
                        0.2 4.2717
                                              3
                                                  11.784
            Labels
```

3	Storage	0.2	-64.7748	3	272.736
4	Art	0.2	4.8840	3	19.536
	• • •	• • •			
10189	Binders	0.2	19.7910	3	52.776
10190	Binders	0.2	6.4750	2	20.720
10191	Fasteners	0.2	-0.6048	3	3.024
10192	Phones	0.0	2.7279	7	90.930
10193	Binders	0.2	-0.6048	3	3.024

[10194 rows x 19 columns]

In [12]: store

Out[12]:

:		Category City		Country/Region	Customer Name	Manufacturer		Order ID
	0	Office Houston Supplies		United States	Darren Powers	Message Book	03- 01- 2020	US- 2020- 103800
	1	Office Supplies	Naperville	United States	Phillina Ober	GBC	04- 01- 2020	US- 2020- 112326
	2	Office Supplies	Naperville	United States	Phillina Ober	Avery	04- 01- 2020	US- 2020- 112326
	3	Office Supplies	Naperville	United States	Phillina Ober	SAFCO	04- 01- 2020	US- 2020- 112326
	4	Office Supplies	Philadelphia	United States	Mick Brown	Avery	05- 01- 2020	US- 2020- 141817
	•••							
	10189	Office Supplies	New York City	United States	Patrick O'Donnell	Wilson Jones	30- 12- 2023	US- 2023- 143259
	10190	Office Supplies	Fairfield	United States	Erica Bern	GBC	30- 12- 2023	US- 2023- 115427
	10191	Office Supplies	Loveland	United States	Jill Matthias	Other	30- 12- 2023	US- 2023- 156720
	10192	<b>0192</b> Technology New York City		United States	Patrick O'Donnell	Other	30- 12- 2023	US- 2023- 143259
	10193	Office Supplies	Charlottetown	Canada	Harry Olson	Wilson Jones	30- 12- 2023	CA- 2023- 143500

10194 rows × 19 columns

```
In [14]: # to know the shape of table use shape
         store.shape
Out[14]: (10194, 19)
In [16]: # columns function used to return the names of the fuctors
         store.columns
Out[16]: Index(['Category', 'City', 'Country/Region', 'Customer Name', 'Manufacturer',
                 'Order Date', 'Order ID', 'Postal Code', 'Product Name', 'Region',
                 'Segment', 'Ship Date', 'Ship Mode', 'State/Province', 'Sub-Category',
                 'Discount', 'Profit', 'Quantity', 'Sales'],
                dtype='object')
In [18]: # Lenght of dataset
         len(store)
Out[18]: 10194
In [22]: # total columns
         print("total columns in data set =",len(store.columns))
        total columns in data set = 19
In [26]: # to know null values in the data set use isnull function
         store.isnull()
         # it return true when cell has no value => True else False
```

Out[26]:

		Category	City	Country/Region	Customer Name	Manufacturer	Order Date	Order ID	Postal Code	F
	0	False	False	False	False	False	False	False	False	
	1	False	False	False	False	False	False	False	False	
	2	False	False	False	False	False	False	False	False	
	3	False	False	False	False	False	False	False	False	
	4	False	False	False	False	False	False	False	False	
	•••	•••		<b></b>						
	10189	False	False	False	False	False	False	False	False	
	10190	False	False	False	False	False	False	False	False	
	10191	False	False	False	False	False	False	False	False	
	10192	False	False	False	False	False	False	False	False	
	10193	False	False	False	False	False	False	False	False	
1	10194 rows × 19 columns									

```
In [34]: # We can count total missing values by using len() and sum() function
         store.isnull().sum()
         print(store.isnull().sum())
        Category
                          0
        City
                          0
        Country/Region
        Customer Name
        Manufacturer
                          0
        Order Date
                          0
        Order ID
                          0
        Postal Code
        Product Name
        Region
                          0
        Segment
        Ship Date
                          0
                          0
        Ship Mode
        State/Province
                          0
        Sub-Category
                          0
        Discount
                          0
        Profit
                          0
        Quantity
                          0
        Sales
                          0
        dtype: int64
```

# this function return all columns data types

print("data types = \n", store.dtypes)

In [48]: # dtypes

```
data types =
                    object
 Category
                   object
City
Country/Region
                   object
Customer Name
                   object
Manufacturer
                   object
Order Date
                   object
Order ID
                   object
Postal Code
                   object
Product Name
                   object
Region
                   object
Segment
                   object
Ship Date
                   object
Ship Mode
                   object
State/Province
                   object
Sub-Category
                   object
Discount
                  float64
Profit
                  float64
Quantity
                    int64
Sales
                  float64
dtype: object
```

```
In [52]: # info function
         # info short info
         # info() return details
         print(store.info)
```

, bo	and mothed Data	-nama infa af		Ca	+0.500	City	Country / Posion
	und method Datai	-rame.into ot		Ca	tegory	City	Country/Region
	comer Name \	12 11		.:	4	D	
0	Office Suppl		ouston Ur			Darren Power	_
1	Office Supp	•		nited St		Phillina Obe	
2	Office Suppl	•		nited St		Phillina Obe	er
3	Office Suppl	lies Nape	rville Ur	nited St	ates	Phillina Obe	er .
4	Office Suppl	lies Philad	elphia Ur	nited St	ates	Mick Brow	vn
		• • •	• • •				•
1018	39 Office Supp	lies New Yor	k City Ur	nited St	ates Patr	ick O'Donnel	1
1019			rfield Ur			Erica Ber	
1019			veland Ur			Jill Matthia	
							-
1019			-			ick O'Donnel	
1019	3 Office Supp	lies Charlot	tetown	Ca	ınada	Harry Olso	on
	Manufacture	r Order Date	Or	rder ID	Postal Cod	e \	
0	Message Book	03-01-2020	US-2020-	-103800	7701	5	
1	GBO	04-01-2020	US-2020-	-112326	6054	0	
2	Avery	/ 04-01-2020	US-2020-	-112326	6054	0	
3	SAFC	•			6054		
4	Avery				1914		
	-						
4046	•••			442250	4000		
1018					1000		
1019				-115427	9453	3	
1019	91 Other	30-12-2023	US-2023-	-156720	8053	8	
1019	92 Other	30-12-2023	US-2023-	-143259	1000	9	
1019	3 Wilson Jones	30-12-2023	CA-2023-	-143500	C0.	A	
				Prod	luct Name	Region \	
0	Message Book	k, Wirebound,	Four 5 1/	/2" X 4"	Form	Central	
1	_	Standard Plas				Central	
2	GDC .	canaara rias	CIC DINGI			Central	
		CAEC	O Dal±las		-		
3			O Boltless		•	Central	
4	Avery Hi-Lii	ter EverBold	Pen Style	Fluores	cent	East	
• • •					• • •	• • •	
1018	39	Wilson Jone	s Legal Si	ize Ring	Binders	East	
1019	90		GBC	C Bindin	g covers	West	
1019	91		Bagg	ged Rubb	er Bands	West	
1019	92		Gear Head	AU3700S	Headset	East	
1019	93	Wi	lson Jones	s Impact	Binders	East	
				•			
	Segment	Ship Date	Shir	o Mode	Stat	e/Province	\
0	Consumer	07-01-2020			Scac	Texas	\
0							
1	Home Office	08-01-2020				Illinois	
2	Home Office	08-01-2020	Standard			Illinois	
3	Home Office	08-01-2020	Standard			Illinois	
4	Consumer	12-01-2020	Standard	Class	Pe	nnsylvania	
	• • •	• • •		• • •			
1018	39 Consumer	03-01-2024	Standard	Class		New York	
1019	O Corporate	03-01-2024	Standard	Class		California	
1019	•	03-01-2024				Colorado	
1019		03-01-2024				New York	
1019		03-01-2024			Prince Edw		
1013	, Consumer	03-01-2024	Scandard	C1033	TITICE LUW	ui u 131allu	
	Cub C-+	Dicasust	Dwot:+ C	100±±±	C-1		
•	Sub-Category			uantity	Sales		
0	Paper		5.5512	2	16.448		
1	Binders	0.8 -	5.4870	2	3.540		

```
2
           Labels
                       0.2 4.2717
                                           3
                                               11.784
3
          Storage
                       0.2 -64.7748
                                           3 272.736
4
                       0.2 4.8840
                                           3
                                               19.536
              Art
              . . .
                       . . .
                               . . .
                                         . . .
                                                . . .
10189
          Binders
                       0.2 19.7910
                                           3
                                               52.776
10190
          Binders
                       0.2 6.4750
                                           2
                                               20.720
10191
        Fasteners
                       0.2 -0.6048
                                           3 3.024
                       0.0 2.7279
                                           7
10192
           Phones
                                               90.930
10193
          Binders
                       0.2 -0.6048
                                           3 3.024
```

[10194 rows x 19 columns]>

```
In [54]: print(store.info())
```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10194 entries, 0 to 10193
Data columns (total 19 columns):

```
# Column
                  Non-Null Count Dtype
                  -----
--- -----
0
                  10194 non-null object
    Category
1
                  10194 non-null object
   City
   Country/Region 10194 non-null object
 2
 3
   Customer Name 10194 non-null object
   Manufacturer 10194 non-null object
                10194 non-null object
 5
    Order Date
   Order ID
                 10194 non-null object
 7
    Postal Code 10194 non-null object
   Product Name 10194 non-null object
 8
9
    Region
               10194 non-null object
10 Segment
                 10194 non-null object
11 Ship Date
                 10194 non-null object
12 Ship Mode
                  10194 non-null object
13 State/Province 10194 non-null object
14 Sub-Category
                 10194 non-null object
15 Discount
                  10194 non-null float64
16 Profit
                 10194 non-null float64
                  10194 non-null int64
17 Quantity
18 Sales
                  10194 non-null float64
dtypes: float64(3), int64(1), object(15)
memory usage: 1.5+ MB
None
```

```
In [58]: # splitting
# text data == categorical data
# num data == numerical data
store.columns
```

```
In [66]: # id of the object can print by id() function
print("store id = ",id(store))
```

store id = 2143214404528

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```
In [70]: print(store[['City']])
         print(store[['Customer Name','Order ID','Ship Date']])
                        City
        0
                     Houston
        1
                  Naperville
        2
                  Naperville
        3
                  Naperville
                Philadelphia
        . . .
        10189 New York City
        10190
                   Fairfield
                    Loveland
        10191
        10192 New York City
        10193 Charlottetown
        [10194 \text{ rows } x \text{ 1 columns}]
                   Customer Name
                                        Order ID Ship Date
                   Darren Powers US-2020-103800 07-01-2020
        0
        1
                   Phillina Ober US-2020-112326 08-01-2020
        2
                   Phillina Ober US-2020-112326 08-01-2020
        3
                   Phillina Ober US-2020-112326 08-01-2020
                      Mick Brown US-2020-141817 12-01-2020
        4
        10189 Patrick O'Donnell US-2023-143259 03-01-2024
        10190
                      Erica Bern US-2023-115427 03-01-2024
        10191
                   Jill Matthias US-2023-156720 03-01-2024
        10192 Patrick O'Donnell US-2023-143259 03-01-2024
        10193
                     Harry Olson CA-2023-143500 03-01-2024
        [10194 rows x 3 columns]
In [60]: # text
         store_text = store[['Category', 'City', 'Country/Region', 'Customer Name', 'Manufac
                 'Order Date', 'Order ID', 'Postal Code', 'Product Name', 'Region',
                 'Segment', 'Ship Date', 'Ship Mode', 'State/Province', 'Sub-Category']]
         print(store_text)
```

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```
Category
                                City Country/Region
                                                         Customer Name \
                              Houston United States
      Office Supplies
                                                         Darren Powers
      Office Supplies
                           Naperville United States
1
                                                         Phillina Ober
      Office Supplies
2
                           Naperville United States
                                                         Phillina Ober
3
      Office Supplies
                           Naperville United States
                                                         Phillina Ober
4
      Office Supplies
                        Philadelphia United States
                                                            Mick Brown
. . .
10189 Office Supplies New York City United States Patrick O'Donnell
10190 Office Supplies
                            Fairfield United States
                                                             Erica Bern
10191 Office Supplies
                            Loveland United States
                                                          Jill Matthias
10192
            Technology New York City United States Patrick O'Donnell
10193 Office Supplies Charlottetown
                                                           Harry Olson
                                             Canada
      Manufacturer Order Date
                                      Order ID Postal Code \
0
      Message Book 03-01-2020 US-2020-103800
                                                      77015
               GBC 04-01-2020 US-2020-112326
                                                      60540
1
2
              Avery
                    04-01-2020 US-2020-112326
                                                      60540
3
              SAFCO
                    04-01-2020 US-2020-112326
                                                      60540
4
              Avery 05-01-2020 US-2020-141817
                                                     19143
                . . .
                           . . .
                                                       . . .
. . .
10189 Wilson Jones 30-12-2023 US-2023-143259
                                                      10009
               GBC 30-12-2023 US-2023-115427
10190
                                                     94533
10191
              Other
                    30-12-2023 US-2023-156720
                                                     80538
10192
              Other 30-12-2023 US-2023-143259
                                                     10009
10193 Wilson Jones 30-12-2023 CA-2023-143500
                                                       C0A
                                                           Region \
                                            Product Name
0
      Message Book, Wirebound, Four 5 1/2" X 4" Form... Central
              GBC Standard Plastic Binding Systems Combs Central
1
2
                                               Avery 508 Central
3
                           SAFCO Boltless Steel Shelving
      Avery Hi-Liter EverBold Pen Style Fluorescent ...
4
                                                             East
. . .
                                                             . . .
10189
                   Wilson Jones Legal Size Ring Binders
                                                             East
10190
                                      GBC Binding covers
                                                            West
10191
                                     Bagged Rubber Bands
                                                            West
                               Gear Head AU3700S Headset
10192
                                                             East
                             Wilson Jones Impact Binders
10193
                                                             East
          Segment
                    Ship Date
                                    Ship Mode
                                                      State/Province \
         Consumer 07-01-2020 Standard Class
0
                                                              Texas
1
      Home Office 08-01-2020
                               Standard Class
                                                           Illinois
2
      Home Office 08-01-2020
                               Standard Class
                                                           Illinois
3
      Home Office 08-01-2020 Standard Class
                                                           Illinois
4
         Consumer 12-01-2020 Standard Class
                                                        Pennsylvania
                           . . .
               . . .
                                                                 . . .
         Consumer 03-01-2024 Standard Class
10189
                                                           New York
10190
        Corporate 03-01-2024 Standard Class
                                                         California
                   03-01-2024 Standard Class
10191
         Consumer
                                                           Colorado
10192
         Consumer
                   03-01-2024 Standard Class
                                                           New York
         Consumer 03-01-2024 Standard Class Prince Edward Island
10193
      Sub-Category
0
             Paper
1
           Binders
2
            Labels
```

```
3
                  Storage
        4
                      Art
                       . . .
        . . .
        10189
                  Binders
        10190
                  Binders
        10191
                Fasteners
        10192
                   Phones
        10193
                  Binders
        [10194 rows x 15 columns]
In [74]: store_text.info()
        <class 'pandas.core.frame.DataFrame'>
        RangeIndex: 10194 entries, 0 to 10193
        Data columns (total 15 columns):
        #
            Column
                            Non-Null Count Dtype
             -----
                             _____
            Category
                            10194 non-null object
         1
            City
                            10194 non-null object
         2
            Country/Region 10194 non-null object
         3
            Customer Name
                            10194 non-null object
         4
            Manufacturer
                            10194 non-null object
         5
            Order Date
                            10194 non-null object
            Order ID
                            10194 non-null object
         7
            Postal Code
                            10194 non-null object
         8
            Product Name
                            10194 non-null object
         9
            Region
                            10194 non-null object
         10 Segment
                            10194 non-null object
         11 Ship Date
                            10194 non-null object
         12 Ship Mode
                            10194 non-null object
         13 State/Province 10194 non-null object
         14 Sub-Category
                            10194 non-null object
        dtypes: object(15)
        memory usage: 1.2+ MB
         store_num = store[['Discount', 'Profit', 'Quantity', 'Sales']]
In [76]:
         print(store_num)
               Discount
                         Profit Quantity
                                             Sales
        0
                   0.2
                         5.5512
                                        2
                                            16.448
        1
                   0.8 -5.4870
                                        2
                                             3.540
        2
                   0.2
                         4.2717
                                        3
                                           11.784
                   0.2 -64.7748
        3
                                        3 272.736
        4
                   0.2
                         4.8840
                                        3
                                            19.536
                    . . .
                             . . .
                                       . . .
                                               . . .
                   0.2 19.7910
                                        3
                                            52.776
        10189
        10190
                   0.2 6.4750
                                        2
                                            20.720
        10191
                   0.2 -0.6048
                                        3
                                            3.024
        10192
                         2.7279
                                        7
                                            90.930
                   0.0
        10193
                   0.2 -0.6048
                                        3
                                           3.024
        [10194 rows x 4 columns]
In [78]: store_num.info()
```

```
<class 'pandas.core.frame.DataFrame'>
       RangeIndex: 10194 entries, 0 to 10193
       Data columns (total 4 columns):
            Column
                   Non-Null Count Dtype
                    -----
           Discount 10194 non-null float64
        0
        1
            Profit 10194 non-null float64
        2
            Quantity 10194 non-null int64
           Sales
                    10194 non-null float64
       dtypes: float64(3), int64(1)
       memory usage: 318.7 KB
In [90]: # lenghs of all store, store_text and store_num
         print('length of store = ',len(store.columns))
         print("lenght of store_text = ",len(store_text.columns))
         print("length of store_num = ",len(store_num.columns))
         len(store_num.columns)
       length of store = 19
       lenght of store_text = 15
       length of store_num = 4
Out[90]: 4
In [92]: print(store.head())
```

```
Category
                           City Country/Region Customer Name Manufacturer \
0 Office Supplies
                        Houston United States Darren Powers
                                                              Message Book
                     Naperville United States Phillina Ober
1 Office Supplies
                                                                       GBC
2 Office Supplies
                     Naperville United States Phillina Ober
                                                                     Avery
3 Office Supplies
                     Naperville United States Phillina Ober
                                                                     SAFCO
4 Office Supplies Philadelphia United States
                                                  Mick Brown
                                                                     Avery
                    Order ID Postal Code \
   Order Date
0 03-01-2020 US-2020-103800
                                   77015
1 04-01-2020 US-2020-112326
                                   60540
2 04-01-2020 US-2020-112326
                                   60540
3 04-01-2020 US-2020-112326
                                   60540
4 05-01-2020 US-2020-141817
                                   19143
                                       Product Name
                                                     Region
                                                                 Segment \
0 Message Book, Wirebound, Four 5 1/2" X 4" Form... Central
                                                                Consumer
1
         GBC Standard Plastic Binding Systems Combs Central
                                                             Home Office
2
                                          Avery 508 Central
                                                             Home Office
                      SAFCO Boltless Steel Shelving Central
3
                                                             Home Office
4 Avery Hi-Liter EverBold Pen Style Fluorescent ...
                                                        East
                                                                Consumer
                   Ship Mode State/Province Sub-Category Discount
   Ship Date
                                                                    Profit \
0 07-01-2020 Standard Class
                                      Texas
                                                   Paper
                                                              0.2
                                                                    5.5512
1 08-01-2020 Standard Class
                                   Illinois
                                                 Binders
                                                              0.8 -5.4870
2 08-01-2020 Standard Class
                                   Illinois
                                                 Labels
                                                              0.2
                                                                    4.2717
3 08-01-2020 Standard Class
                                   Illinois
                                                 Storage
                                                              0.2 -64.7748
4 12-01-2020 Standard Class
                               Pennsylvania
                                                              0.2
                                                                    4.8840
                                                     Art
   Quantity
              Sales
0
         2
             16.448
         2
              3.540
2
         3
             11.784
3
         3 272.736
4
             19.536
         3
```

In [96]: print(store.tail())

```
Category
                               City Country/Region
                                                        Customer Name \
10189 Office Supplies New York City United States Patrick O'Donnell
                           Fairfield United States
10190 Office Supplies
                                                           Erica Bern
10191 Office Supplies
                            Loveland United States
                                                        Jill Matthias
10192
           Technology New York City United States Patrick O'Donnell
10193 Office Supplies Charlottetown
                                            Canada
                                                          Harry Olson
      Manufacturer Order Date
                                      Order ID Postal Code \
10189 Wilson Jones 30-12-2023 US-2023-143259
                                                    10009
10190
               GBC 30-12-2023 US-2023-115427
                                                    94533
10191
             Other 30-12-2023 US-2023-156720
                                                    80538
             Other 30-12-2023 US-2023-143259
                                                    10009
10192
10193 Wilson Jones 30-12-2023 CA-2023-143500
                                                      C0A
                              Product Name Region
                                                    Segment
                                                              Ship Date \
10189 Wilson Jones Legal Size Ring Binders
                                            East
                                                   Consumer 03-01-2024
10190
                        GBC Binding covers
                                            West Corporate
                                                             03-01-2024
10191
                       Bagged Rubber Bands
                                            West
                                                   Consumer
                                                             03-01-2024
10192
                 Gear Head AU3700S Headset
                                            East
                                                   Consumer
                                                             03-01-2024
10193
               Wilson Jones Impact Binders
                                            East
                                                   Consumer
                                                             03-01-2024
                            State/Province Sub-Category Discount
           Ship Mode
                                                                   Profit \
10189 Standard Class
                                  New York
                                               Binders
                                                             0.2 19.7910
10190 Standard Class
                               California
                                               Binders
                                                                   6.4750
                                                             0.2
10191 Standard Class
                                  Colorado
                                             Fasteners
                                                             0.2 -0.6048
10192 Standard Class
                                  New York
                                                Phones
                                                             0.0
                                                                   2.7279
10193 Standard Class Prince Edward Island
                                               Binders
                                                             0.2 -0.6048
                Sales
      Quantity
10189
             3 52.776
             2 20.720
10190
10191
             3
                3.024
             7 90.930
10192
10193
                3.024
             3
```

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