## **Slicing and Dicing Dataframes**

You have seen how to do indexing of dataframes using df.iloc and df.loc. Now, let's see how to subset dataframes based on certain conditions.

```
In [10]: # Loading libraries and reading the data
import numpy as np
import pandas as pd

df = pd.read_csv("../global_sales_data/market_fact.csv")
df.head()
```

Out[10]:

	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	Profit
0	Ord_5446	Prod_16	SHP_7609	Cust_1818	136.81	0.01	23	-30.51
1	Ord_5406	Prod_13	SHP_7549	Cust_1818	42.27	0.01	13	4.56
2	Ord_5446	Prod_4	SHP_7610	Cust_1818	4701.69	0.00	26	1148.90
3	Ord_5456	Prod_6	SHP_7625	Cust_1818	2337.89	0.09	43	729.34
4	Ord_5485	Prod_17	SHP_7664	Cust_1818	4233.15	0.08	35	1219.87

## **Subsetting Rows Based on Conditions**

Often, you want to select rows which satisfy some given conditions. For e.g., select all the orders where the Sales > 3000, or all the orders where 2000 < Sales < 3000 and Profit < 100.

Arguably, the best way to do these operations is using df.loc[], since df.iloc[] would require you to remember the integer column indices, which is tedious.

Let's see some examples.

Out[11]:	0	False
046[11].	1	False
	2	True
	3	False
	4	True
	5	False
	6	False
	7	True
	8	False
	9	False
	10	True
	11	False
	12	False
	13	True
	14	False
	15	False
	16	False
	17	True
	18	
		False
	19	False
	20	False
	21	False
	22	True
	23	False
	24	False
	25	False
	26	False
	27	False
	28	True
	29	False
	8369	False
	8370	False
	8371	True
	8372	False
	8373	False
	8374	False
	8375	False
	8376	False
	8377	False
	8378	False
	8379	False
	8380	False
	8381	False
	8382	False
	8383	True
		False
	8384	
	8385	False
	8386	False
	8387	False
	8388	False
	8389	False
	8390	False
	8391	False
	8392	False
	8393	False
	8394	False

8395 False8396 False8397 True8398 False

Name: Sales, Length: 8399, dtype: bool

Out[12]:

4         Ord_5485         Prod_17         SHP_7664         Cust_1818         4233.1500         0.08         35         1           7         Ord_4725         Prod_4         SHP_6593         Cust_1641         3410.1575         0.10         48         1           10         Ord_4743         Prod_2         SHP_6615         Cust_1641         4072.0100         0.01         43         1           13         Ord_2207         Prod_11         SHP_6028         Cust_1521         13255.9300         0.02         25         4           17         Ord_4471         Prod_15         SHP_6228         Cust_1521         13255.9300         0.02         25         4           20         Ord_996         Prod_5         SHP_1377         Cust_371         3202.2500         0.09         44         5           20         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_15         SHP_6327         Cust_1714         5902.7800         0.05         34         1           64         Ord_45456         Prod_14         SHP_75252         Cust_1747         75040.2250         0.07         46<		Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	
7         Ord_4725         Prod_4         SHP_6593         Cust_1641         3410.1575         0.10         48         1           10         Ord_4743         Prod_2         SHP_6615         Cust_1641         4072.0100         0.01         43         1           13         Ord_2207         Prod_11         SHP_6015         Cust_1521         13255.9300         0.02         25         4           17         Ord_4471         Prod_15         SHP_6228         Cust_1521         13255.9300         0.02         25         4           22         Ord_996         Prod_5         SHP_1377         Cust_371         3202.2500         0.09         44         9           28         Ord_2573         Prod_4         SHP_3527         Cust_371         4917.6900         0.05         38         1           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_66327         Cust_1747         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         48	2	Ord_5446	Prod_4	SHP_7610	Cust_1818	4701.6900	0.00	26	1
10 Ord_4743 Prod_2 SHP_6615 Cust_1641 4072.0100 0.01 43 11 13 Ord_2207 Prod_11 SHP_3093 Cust_839 3364.2480 0.10 15	4	Ord_5485	Prod_17	SHP_7664	Cust_1818	4233.1500	0.08	35	1
13 Ord_2207 Prod_11 SHP_3093 Cust_839 3364.2480 0.10 15	7	Ord_4725	Prod_4	SHP_6593	Cust_1641	3410.1575	0.10	48	1
17 Ord_4471 Prod_15 SHP_6228 Cust_1521 13255.9300 0.02 25 42 22 Ord_996 Prod_5 SHP_1377 Cust_371 3202.2500 0.09 44 38 Ord_2573 Prod_4 SHP_3527 Cust_931 3594.7435 0.05 38 1 40 Ord_5035 Prod_15 SHP_7024 Cust_1710 4917.6900 0.02 42 1 57 Ord_4546 Prod_1 SHP_6327 Cust_1474 5208.7800 0.05 34 1 64 Ord_4475 Prod_4 SHP_6234 Cust_1474 7640.2250 0.07 46 2 79 Ord_5188 Prod_14 SHP_7252 Cust_1749 5177.4000 0.06 12 2 82 Ord_5166 Prod_4 SHP_7207 Cust_1749 5177.4000 0.06 12 2 84 Ord_5232 Prod_17 SHP_7306 Cust_1758 21366.5100 0.00 3 107 Ord_250 Prod_15 SHP_346 Cust_45 8901.7800 0.04 31 2 121 Ord_5423 Prod_17 SHP_7577 Cust_1800 13070.2000 0.07 4 124 Ord_2432 Prod_3 SHP_3338 Cust_933 3883.4715 0.10 42 7 133 Ord_2432 Prod_3 SHP_2337 Cust_1603 4083.1900 0.07 43 164 Ord_4646 Prod_15 SHP_6475 Cust_1603 4083.1900 0.07 43 164 Ord_4646 Prod_15 SHP_6560 Cust_1603 4083.1900 0.07 43 165 Ord_4702 Prod_3 SHP_6560 Cust_1603 4902.3800 0.05 32 1 168 Ord_973 Prod_4 SHP_4102 Cust_1801 5718.8500 0.09 49 170 Ord_2973 Prod_4 SHP_4102 Cust_1801 5718.8500 0.09 49 170 Ord_2973 Prod_4 SHP_4102 Cust_1801 5718.8500 0.09 49 170 Ord_2973 Prod_5 SHP_6673 Cust_1603 41823.5200 0.09 36 2 183 Ord_2831 Prod_3 SHP_3893 Cust_1753 5149.0600 0.03 27 6 185 Ord_5155 Prod_15 SHP_7208 Cust_1753 5149.0600 0.09 36 7 186 Ord_2831 Prod_3 SHP_3893 Cust_1036 18092.6600 0.09 36 7 187 Ord_2831 Prod_3 SHP_3893 Cust_1036 18092.6600 0.09 36 7 189 Ord_2831 Prod_3 SHP_3893 Cust_1036 18092.6600 0.09 36 7 190 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 10351.0100 0.08 19	10	Ord_4743	Prod_2	SHP_6615	Cust_1641	4072.0100	0.01	43	1
22         Ord_996         Prod_5         SHP_1377         Cust_371         3202_2500         0.09         44         9           28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1747         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1747         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_15         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_7577         Cust_1800         13070.2000         0.07         4	13	Ord_2207	Prod_11	SHP_3093	Cust_839	3364.2480	0.10	15	-(
28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1747         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1749         5177.4000         0.06         12         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5166         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_5232         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           124         Ord_5423         Prod_15         SHP_7577         Cust_1800         13070.2000         0.07         4	17	Ord_4471	Prod_15	SHP_6228	Cust_1521	13255.9300	0.02	25	4
40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5166         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_3336         Cust_1800         13070.2000         0.07         4         -           133         Ord_2432         Prod_3         SHP_2338         Cust_933         15337.5800         0.10         30	22	Ord_996	Prod_5	SHP_1377	Cust_371	3202.2500	0.09	44	9
57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_346         Cust_1800         13070.2000         0.07         4         -           124         Ord_2432         Prod_15         SHP_5777         Cust_1800         13070.2000         0.07         4           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1	28	Ord_2573	Prod_4	SHP_3527	Cust_931	3594.7435	0.05	38	1
64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_346         Cust_45         8901.7800         0.07         4         -           124         Ord_5423         Prod_15         SHP_346         Cust_45         8901.7800         0.07         4         -           133         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48	40	Ord_5035	Prod_15	SHP_7024	Cust_1710	4917.6900	0.02	42	1
79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_346         Cust_45         8901.7800         0.04         31         2           124         Ord_5423         Prod_17         SHP_346         Cust_1800         13070.2000         0.07         4	57	Ord_4546	Prod_1	SHP_6327	Cust_1474	5208.7800	0.05	34	1
82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4         -           124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34 <th>64</th> <td>Ord_4475</td> <td>Prod_4</td> <td>SHP_6234</td> <td>Cust_1474</td> <td>7640.2250</td> <td>0.07</td> <td>46</td> <td>2</td>	64	Ord_4475	Prod_4	SHP_6234	Cust_1474	7640.2250	0.07	46	2
84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4         -           124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6476         Cust_1603         4902.3800         0.07         43         -           164         Ord_4702         Prod_3         SHP_6560         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_4102         Cust_1081         4671.1495         0.07         28 <th>79</th> <td>Ord_5188</td> <td>Prod_14</td> <td>SHP_7252</td> <td>Cust_1749</td> <td>5177.4000</td> <td>0.06</td> <td>12</td> <td>2</td>	79	Ord_5188	Prod_14	SHP_7252	Cust_1749	5177.4000	0.06	12	2
107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4	82	Ord_5156	Prod_4	SHP_7207	Cust_1749	8374.1320	0.06	48	2
121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4            124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09 <td< th=""><th>84</th><td>Ord_5232</td><td>Prod_17</td><td>SHP_7306</td><td>Cust_1758</td><td>21366.5100</td><td>0.00</td><td>3</td><td><u>-</u></td></td<>	84	Ord_5232	Prod_17	SHP_7306	Cust_1758	21366.5100	0.00	3	<u>-</u>
124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_2973         Prod_4         SHP_4102         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_9         SHP_6073         Cust_1480         6264.1855         0.01         3	107	Ord_250	Prod_15	SHP_346	Cust_45	8901.7800	0.04	31	2
133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49         -           170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09	121	Ord_5423	Prod_17	SHP_7577	Cust_1800	13070.2000	0.07	4	-(
148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         3457.5600         0.02 <t< th=""><th>124</th><td>Ord_2432</td><td>Prod_4</td><td>SHP_3339</td><td>Cust_933</td><td>3883.4715</td><td>0.10</td><td>42</td><td>7</td></t<>	124	Ord_2432	Prod_4	SHP_3339	Cust_933	3883.4715	0.10	42	7
163       Ord_4646       Prod_15       SHP_6475       Cust_1603       4083.1900       0.07       43       -         164       Ord_4646       Prod_1       SHP_6476       Cust_1603       4902.3800       0.05       32       1         165       Ord_4702       Prod_3       SHP_6560       Cust_1603       11823.5200       0.10       34       4         168       Ord_2973       Prod_4       SHP_4102       Cust_1081       4671.1495       0.07       28       9         169       Ord_3009       Prod_15       SHP_4168       Cust_1081       5718.8500       0.09       49          170       Ord_2973       Prod_4       SHP_4102       Cust_1480       6264.1855       0.01       34       1         171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       C	133	Ord_2432	Prod_3	SHP_3338	Cust_933	15337.5800	0.10	30	6
164       Ord_4646       Prod_1       SHP_6476       Cust_1603       4902.3800       0.05       32       1         165       Ord_4702       Prod_3       SHP_6560       Cust_1603       11823.5200       0.10       34       4         168       Ord_2973       Prod_4       SHP_4102       Cust_1081       4671.1495       0.07       28       9         169       Ord_3009       Prod_15       SHP_4168       Cust_1081       5718.8500       0.09       49          170       Ord_2973       Prod_4       SHP_4102       Cust_1480       6264.1855       0.01       34       1         171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35       -         189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cu	148	Ord_1649	Prod_2	SHP_2277	Cust_498	3005.7400	0.02	48	1
165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         5149.0600         0.03         27         6           185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35            189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08	163	Ord_4646	Prod_15	SHP_6475	Cust_1603	4083.1900	0.07	43	-
168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         5149.0600         0.03         27         6           185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35            189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19 <t< th=""><th>164</th><td>Ord_4646</td><td>Prod_1</td><td>SHP_6476</td><td>Cust_1603</td><td>4902.3800</td><td>0.05</td><td>32</td><td>1</td></t<>	164	Ord_4646	Prod_1	SHP_6476	Cust_1603	4902.3800	0.05	32	1
169       Ord_3009       Prod_15       SHP_4168       Cust_1081       5718.8500       0.09       49          170       Ord_2973       Prod_4       SHP_4102       Cust_1480       6264.1855       0.01       34       1         171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35          189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cust_1036       10351.0100       0.08       19	165	Ord_4702	Prod_3	SHP_6560	Cust_1603	11823.5200	0.10	34	4
170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         5149.0600         0.03         27         6           185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35         -           189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19         -	168	Ord_2973	Prod_4	SHP_4102	Cust_1081	4671.1495	0.07	28	9
171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35       -         189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cust_1036       10351.0100       0.08       19       -	169	Ord_3009	Prod_15	SHP_4168	Cust_1081	5718.8500	0.09	49	-:
183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35       -         189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cust_1036       10351.0100       0.08       19       -	170	Ord_2973	Prod_4	SHP_4102	Cust_1480	6264.1855	0.01	34	1
185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35         -           189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19         -	171	Ord_2973	Prod_9	SHP_6073	Cust_1480	5410.9500	0.09	36	2
189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19         -	183	Ord_5157	Prod_15	SHP_7208	Cust_1753	5149.0600	0.03	27	6
191 Ord_2791 Prod_11 SHP_3838 Cust_1036 10351.0100 0.08 19	185	Ord_5153	Prod_11	SHP_7202	Cust_1753	3457.5600	0.02	35	-;
	189	Ord_2831	Prod_3	SHP_3893	Cust_1036	18092.6600	0.09	36	7
	191	Ord_2791	Prod_11	SHP_3838	Cust_1036	10351.0100	0.08	19	-
8125 Ord_4515 Prod_1 SHP_6285 Cust_1546 4976.6000 0.06 32									Ī
	8125	Ord_4515	Prod_1	SHP_6285	Cust_1546	4976.6000	0.06	32	6

	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	Γ
8137	Ord_2267	Prod_2	SHP_3089	Cust_890	6608.2400	0.09	35	2
8141	Ord_3368	Prod_15	SHP_4668	Cust_1190	3227.3800	0.05	26	1
8143	Ord_3265	Prod_1	SHP_4530	Cust_1190	10330.9400	0.07	25	2
8151	Ord_3214	Prod_2	SHP_4456	Cust_1187	8316.7600	0.05	30	2
8158	Ord_2868	Prod_15	SHP_3950	Cust_1059	5405.4400	0.07	18	6
8207	Ord_3433	Prod_8	SHP_4759	Cust_1180	3601.0700	0.04	50	1
8210	Ord_2110	Prod_17	SHP_2885	Cust_802	4502.2600	0.09	38	1
8211	Ord_2144	Prod_1	SHP_2925	Cust_802	5318.8900	0.06	48	5
8217	Ord_3359	Prod_10	SHP_7245	Cust_1762	28389.1400	0.07	33	7
8219	Ord_5200	Prod_4	SHP_7266	Cust_1762	4815.8620	0.08	47	1
8235	Ord_759	Prod_5	SHP_1036	Cust_245	8549.0400	0.03	42	2
8240	Ord_793	Prod_11	SHP_1090	Cust_245	4452.6500	0.09	30	-;
8249	Ord_3470	Prod_17	SHP_4805	Cust_1203	5615.4000	0.07	46	1
8263	Ord_4954	Prod_15	SHP_6913	Cust_1694	7987.4300	0.03	49	1
8283	Ord_1741	Prod_11	SHP_2411	Cust_595	15168.8200	0.02	26	-
8286	Ord_1749	Prod_1	SHP_2424	Cust_595	5176.2700	0.01	38	-
8292	Ord_1765	Prod_14	SHP_2446	Cust_595	14647.2600	0.07	25	5
8298	Ord_2172	Prod_1	SHP_2960	Cust_787	6648.5800	0.08	19	-;
8308	Ord_2659	Prod_8	SHP_3638	Cust_1016	4744.6400	0.04	46	1
8317	Ord_2770	Prod_3	SHP_3802	Cust_1016	7535.9600	0.08	46	2
8329	Ord_2160	Prod_15	SHP_2944	Cust_810	3636.3700	0.06	33	<u>-</u>
8332	Ord_2101	Prod_11	SHP_2875	Cust_790	10714.7800	0.00	41	-(
8335	Ord_2070	Prod_11	SHP_2833	Cust_784	3905.7500	0.01	21	5
8343	Ord_2178	Prod_4	SHP_2968	Cust_785	6030.5800	0.09	39	1
8366	Ord_3593	Prod_3	SHP_4974	Cust_1274	12073.0600	0.03	39	5
8367	Ord_3593	Prod_15	SHP_4975	Cust_1274	6685.0500	0.09	25	1
8371	Ord_2624	Prod_4	SHP_3591	Cust_1006	4924.1350	0.07	28	1
8383	Ord_2722	Prod_1	SHP_3731	Cust_1006	3508.3300	0.04	21	-:
8397	Ord_5348	Prod_15	SHP_7469	Cust_1798	3872.8700	0.03	23	5

```
In [13]: # An alternative to df.Sales is df['Sales]
# You may want to put the : to indicate that you want all columns
# It is more explicit
df.loc[df['Sales'] > 3000, :]
```

Out[13]:

4         Ord_5485         Prod_17         SHP_7664         Cust_1818         4233.1500         0.08         35         1           7         Ord_4725         Prod_4         SHP_6593         Cust_1641         3410.1575         0.10         48         1           10         Ord_4743         Prod_2         SHP_6615         Cust_1641         4072.0100         0.01         43         1           13         Ord_2207         Prod_11         SHP_6028         Cust_1521         13255.9300         0.02         25         4           17         Ord_4471         Prod_15         SHP_6228         Cust_1521         13255.9300         0.02         25         4           20         Ord_996         Prod_5         SHP_1377         Cust_371         3202.2500         0.09         44         5           20         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_15         SHP_6327         Cust_1714         5902.7800         0.05         34         1           64         Ord_45456         Prod_14         SHP_75252         Cust_1747         75040.2250         0.07         46<		Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	
7         Ord_4725         Prod_4         SHP_6593         Cust_1641         3410.1575         0.10         48         1           10         Ord_4743         Prod_2         SHP_6615         Cust_1641         4072.0100         0.01         43         1           13         Ord_2207         Prod_11         SHP_6015         Cust_1521         13255.9300         0.02         25         4           17         Ord_4471         Prod_15         SHP_6228         Cust_1521         13255.9300         0.02         25         4           22         Ord_996         Prod_5         SHP_1377         Cust_371         3202.2500         0.09         44         9           28         Ord_2573         Prod_4         SHP_3527         Cust_371         4917.6900         0.05         38         1           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_66327         Cust_1747         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         48	2	Ord_5446	Prod_4	SHP_7610	Cust_1818	4701.6900	0.00	26	1
10 Ord_4743 Prod_2 SHP_6615 Cust_1641 4072.0100 0.01 43 11 13 Ord_2207 Prod_11 SHP_3093 Cust_839 3364.2480 0.10 15	4	Ord_5485	Prod_17	SHP_7664	Cust_1818	4233.1500	0.08	35	1
13 Ord_2207 Prod_11 SHP_3093 Cust_839 3364.2480 0.10 15	7	Ord_4725	Prod_4	SHP_6593	Cust_1641	3410.1575	0.10	48	1
17 Ord_4471 Prod_15 SHP_6228 Cust_1521 13255.9300 0.02 25 42 22 Ord_996 Prod_5 SHP_1377 Cust_371 3202.2500 0.09 44 38 Ord_2573 Prod_4 SHP_3527 Cust_931 3594.7435 0.05 38 1 40 Ord_5035 Prod_15 SHP_7024 Cust_1710 4917.6900 0.02 42 1 57 Ord_4546 Prod_1 SHP_6327 Cust_1474 5208.7800 0.05 34 1 64 Ord_4475 Prod_4 SHP_6234 Cust_1474 7640.2250 0.07 46 2 79 Ord_5188 Prod_14 SHP_7252 Cust_1749 5177.4000 0.06 12 2 82 Ord_5166 Prod_4 SHP_7207 Cust_1749 5177.4000 0.06 12 2 84 Ord_5232 Prod_17 SHP_7306 Cust_1758 21366.5100 0.00 3 107 Ord_250 Prod_15 SHP_346 Cust_45 8901.7800 0.04 31 2 121 Ord_5423 Prod_17 SHP_7577 Cust_1800 13070.2000 0.07 4 124 Ord_2432 Prod_3 SHP_3338 Cust_933 3883.4715 0.10 42 7 133 Ord_2432 Prod_3 SHP_2337 Cust_1603 4083.1900 0.07 43 164 Ord_4646 Prod_15 SHP_6475 Cust_1603 4083.1900 0.07 43 164 Ord_4646 Prod_15 SHP_6560 Cust_1603 4083.1900 0.07 43 165 Ord_4702 Prod_3 SHP_6560 Cust_1603 4902.3800 0.05 32 1 168 Ord_973 Prod_4 SHP_4102 Cust_1801 5718.8500 0.09 49 170 Ord_2973 Prod_4 SHP_4102 Cust_1801 5718.8500 0.09 49 170 Ord_2973 Prod_4 SHP_4102 Cust_1801 5718.8500 0.09 49 170 Ord_2973 Prod_5 SHP_6673 Cust_1603 41823.5200 0.09 36 2 183 Ord_2831 Prod_3 SHP_3893 Cust_1753 5149.0600 0.03 27 6 185 Ord_5155 Prod_15 SHP_7208 Cust_1753 5149.0600 0.09 36 7 186 Ord_2831 Prod_3 SHP_3893 Cust_1036 18092.6600 0.09 36 7 187 Ord_2831 Prod_3 SHP_3893 Cust_1036 18092.6600 0.09 36 7 189 Ord_2831 Prod_3 SHP_3893 Cust_1036 18092.6600 0.09 36 7 190 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 18092.6600 0.09 36 7 191 Ord_2791 Prod_11 SHP_3893 Cust_1036 10351.0100 0.08 19	10	Ord_4743	Prod_2	SHP_6615	Cust_1641	4072.0100	0.01	43	1
22         Ord_996         Prod_5         SHP_1377         Cust_371         3202_2500         0.09         44         9           28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1747         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1747         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_15         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_7577         Cust_1800         13070.2000         0.07         4	13	Ord_2207	Prod_11	SHP_3093	Cust_839	3364.2480	0.10	15	-(
28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1747         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1749         5177.4000         0.06         12         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5166         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_5232         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           124         Ord_5423         Prod_15         SHP_7577         Cust_1800         13070.2000         0.07         4	17	Ord_4471	Prod_15	SHP_6228	Cust_1521	13255.9300	0.02	25	4
40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5166         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_3336         Cust_1800         13070.2000         0.07         4         -           133         Ord_2432         Prod_3         SHP_2338         Cust_933         15337.5800         0.10         30	22	Ord_996	Prod_5	SHP_1377	Cust_371	3202.2500	0.09	44	9
57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_346         Cust_1800         13070.2000         0.07         4         -           124         Ord_2432         Prod_15         SHP_5777         Cust_1800         13070.2000         0.07         4           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1	28	Ord_2573	Prod_4	SHP_3527	Cust_931	3594.7435	0.05	38	1
64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_15         SHP_346         Cust_45         8901.7800         0.07         4         -           124         Ord_5423         Prod_15         SHP_346         Cust_45         8901.7800         0.07         4         -           133         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48	40	Ord_5035	Prod_15	SHP_7024	Cust_1710	4917.6900	0.02	42	1
79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_346         Cust_45         8901.7800         0.04         31         2           124         Ord_5423         Prod_17         SHP_346         Cust_1800         13070.2000         0.07         4	57	Ord_4546	Prod_1	SHP_6327	Cust_1474	5208.7800	0.05	34	1
82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4         -           124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34 <th>64</th> <td>Ord_4475</td> <td>Prod_4</td> <td>SHP_6234</td> <td>Cust_1474</td> <td>7640.2250</td> <td>0.07</td> <td>46</td> <td>2</td>	64	Ord_4475	Prod_4	SHP_6234	Cust_1474	7640.2250	0.07	46	2
84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4         -           124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6476         Cust_1603         4902.3800         0.07         43         -           164         Ord_4702         Prod_3         SHP_6560         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_4102         Cust_1081         4671.1495         0.07         28 <th>79</th> <td>Ord_5188</td> <td>Prod_14</td> <td>SHP_7252</td> <td>Cust_1749</td> <td>5177.4000</td> <td>0.06</td> <td>12</td> <td>2</td>	79	Ord_5188	Prod_14	SHP_7252	Cust_1749	5177.4000	0.06	12	2
107         Ord_250         Prod_15         SHP_346         Cust_45         8901.7800         0.04         31         2           121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4	82	Ord_5156	Prod_4	SHP_7207	Cust_1749	8374.1320	0.06	48	2
121         Ord_5423         Prod_17         SHP_7577         Cust_1800         13070.2000         0.07         4            124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09 <td< th=""><th>84</th><td>Ord_5232</td><td>Prod_17</td><td>SHP_7306</td><td>Cust_1758</td><td>21366.5100</td><td>0.00</td><td>3</td><td><u>-</u></td></td<>	84	Ord_5232	Prod_17	SHP_7306	Cust_1758	21366.5100	0.00	3	<u>-</u>
124         Ord_2432         Prod_4         SHP_3339         Cust_933         3883.4715         0.10         42         7           133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_2973         Prod_4         SHP_4102         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_9         SHP_6073         Cust_1480         6264.1855         0.01         3	107	Ord_250	Prod_15	SHP_346	Cust_45	8901.7800	0.04	31	2
133         Ord_2432         Prod_3         SHP_3338         Cust_933         15337.5800         0.10         30         6           148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49         -           170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09	121	Ord_5423	Prod_17	SHP_7577	Cust_1800	13070.2000	0.07	4	-(
148         Ord_1649         Prod_2         SHP_2277         Cust_498         3005.7400         0.02         48         1           163         Ord_4646         Prod_15         SHP_6475         Cust_1603         4083.1900         0.07         43         -           164         Ord_4646         Prod_1         SHP_6476         Cust_1603         4902.3800         0.05         32         1           165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         3457.5600         0.02 <t< th=""><th>124</th><td>Ord_2432</td><td>Prod_4</td><td>SHP_3339</td><td>Cust_933</td><td>3883.4715</td><td>0.10</td><td>42</td><td>7</td></t<>	124	Ord_2432	Prod_4	SHP_3339	Cust_933	3883.4715	0.10	42	7
163       Ord_4646       Prod_15       SHP_6475       Cust_1603       4083.1900       0.07       43       -         164       Ord_4646       Prod_1       SHP_6476       Cust_1603       4902.3800       0.05       32       1         165       Ord_4702       Prod_3       SHP_6560       Cust_1603       11823.5200       0.10       34       4         168       Ord_2973       Prod_4       SHP_4102       Cust_1081       4671.1495       0.07       28       9         169       Ord_3009       Prod_15       SHP_4168       Cust_1081       5718.8500       0.09       49          170       Ord_2973       Prod_4       SHP_4102       Cust_1480       6264.1855       0.01       34       1         171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       C	133	Ord_2432	Prod_3	SHP_3338	Cust_933	15337.5800	0.10	30	6
164       Ord_4646       Prod_1       SHP_6476       Cust_1603       4902.3800       0.05       32       1         165       Ord_4702       Prod_3       SHP_6560       Cust_1603       11823.5200       0.10       34       4         168       Ord_2973       Prod_4       SHP_4102       Cust_1081       4671.1495       0.07       28       9         169       Ord_3009       Prod_15       SHP_4168       Cust_1081       5718.8500       0.09       49          170       Ord_2973       Prod_4       SHP_4102       Cust_1480       6264.1855       0.01       34       1         171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35       -         189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cu	148	Ord_1649	Prod_2	SHP_2277	Cust_498	3005.7400	0.02	48	1
165         Ord_4702         Prod_3         SHP_6560         Cust_1603         11823.5200         0.10         34         4           168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         5149.0600         0.03         27         6           185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35            189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08	163	Ord_4646	Prod_15	SHP_6475	Cust_1603	4083.1900	0.07	43	-
168         Ord_2973         Prod_4         SHP_4102         Cust_1081         4671.1495         0.07         28         9           169         Ord_3009         Prod_15         SHP_4168         Cust_1081         5718.8500         0.09         49            170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         5149.0600         0.03         27         6           185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35            189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19 <t< th=""><th>164</th><td>Ord_4646</td><td>Prod_1</td><td>SHP_6476</td><td>Cust_1603</td><td>4902.3800</td><td>0.05</td><td>32</td><td>1</td></t<>	164	Ord_4646	Prod_1	SHP_6476	Cust_1603	4902.3800	0.05	32	1
169       Ord_3009       Prod_15       SHP_4168       Cust_1081       5718.8500       0.09       49          170       Ord_2973       Prod_4       SHP_4102       Cust_1480       6264.1855       0.01       34       1         171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35          189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cust_1036       10351.0100       0.08       19	165	Ord_4702	Prod_3	SHP_6560	Cust_1603	11823.5200	0.10	34	4
170         Ord_2973         Prod_4         SHP_4102         Cust_1480         6264.1855         0.01         34         1           171         Ord_2973         Prod_9         SHP_6073         Cust_1480         5410.9500         0.09         36         2           183         Ord_5157         Prod_15         SHP_7208         Cust_1753         5149.0600         0.03         27         6           185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35         -           189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19         -	168	Ord_2973	Prod_4	SHP_4102	Cust_1081	4671.1495	0.07	28	9
171       Ord_2973       Prod_9       SHP_6073       Cust_1480       5410.9500       0.09       36       2         183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35       -         189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cust_1036       10351.0100       0.08       19       -	169	Ord_3009	Prod_15	SHP_4168	Cust_1081	5718.8500	0.09	49	-:
183       Ord_5157       Prod_15       SHP_7208       Cust_1753       5149.0600       0.03       27       6         185       Ord_5153       Prod_11       SHP_7202       Cust_1753       3457.5600       0.02       35       -         189       Ord_2831       Prod_3       SHP_3893       Cust_1036       18092.6600       0.09       36       7         191       Ord_2791       Prod_11       SHP_3838       Cust_1036       10351.0100       0.08       19       -	170	Ord_2973	Prod_4	SHP_4102	Cust_1480	6264.1855	0.01	34	1
185         Ord_5153         Prod_11         SHP_7202         Cust_1753         3457.5600         0.02         35         -           189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19         -	171	Ord_2973	Prod_9	SHP_6073	Cust_1480	5410.9500	0.09	36	2
189         Ord_2831         Prod_3         SHP_3893         Cust_1036         18092.6600         0.09         36         7           191         Ord_2791         Prod_11         SHP_3838         Cust_1036         10351.0100         0.08         19         -	183	Ord_5157	Prod_15	SHP_7208	Cust_1753	5149.0600	0.03	27	6
191 Ord_2791 Prod_11 SHP_3838 Cust_1036 10351.0100 0.08 19	185	Ord_5153	Prod_11	SHP_7202	Cust_1753	3457.5600	0.02	35	-;
	189	Ord_2831	Prod_3	SHP_3893	Cust_1036	18092.6600	0.09	36	7
	191	Ord_2791	Prod_11	SHP_3838	Cust_1036	10351.0100	0.08	19	-
8125 Ord_4515 Prod_1 SHP_6285 Cust_1546 4976.6000 0.06 32									Ī
	8125	Ord_4515	Prod_1	SHP_6285	Cust_1546	4976.6000	0.06	32	6

	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	Γ
8137	Ord_2267	Prod_2	SHP_3089	Cust_890	6608.2400	0.09	35	2
8141	Ord_3368	Prod_15	SHP_4668	Cust_1190	3227.3800	0.05	26	1
8143	Ord_3265	Prod_1	SHP_4530	Cust_1190	10330.9400	0.07	25	2
8151	Ord_3214	Prod_2	SHP_4456	Cust_1187	8316.7600	0.05	30	2
8158	Ord_2868	Prod_15	SHP_3950	Cust_1059	5405.4400	0.07	18	6
8207	Ord_3433	Prod_8	SHP_4759	Cust_1180	3601.0700	0.04	50	1
8210	Ord_2110	Prod_17	SHP_2885	Cust_802	4502.2600	0.09	38	1
8211	Ord_2144	Prod_1	SHP_2925	Cust_802	5318.8900	0.06	48	5
8217	Ord_3359	Prod_10	SHP_7245	Cust_1762	28389.1400	0.07	33	7
8219	Ord_5200	Prod_4	SHP_7266	Cust_1762	4815.8620	0.08	47	1
8235	Ord_759	Prod_5	SHP_1036	Cust_245	8549.0400	0.03	42	2
8240	Ord_793	Prod_11	SHP_1090	Cust_245	4452.6500	0.09	30	-:
8249	Ord_3470	Prod_17	SHP_4805	Cust_1203	5615.4000	0.07	46	1
8263	Ord_4954	Prod_15	SHP_6913	Cust_1694	7987.4300	0.03	49	1
8283	Ord_1741	Prod_11	SHP_2411	Cust_595	15168.8200	0.02	26	<u></u> -
8286	Ord_1749	Prod_1	SHP_2424	Cust_595	5176.2700	0.01	38	-
8292	Ord_1765	Prod_14	SHP_2446	Cust_595	14647.2600	0.07	25	5
8298	Ord_2172	Prod_1	SHP_2960	Cust_787	6648.5800	0.08	19	-;
8308	Ord_2659	Prod_8	SHP_3638	Cust_1016	4744.6400	0.04	46	1
8317	Ord_2770	Prod_3	SHP_3802	Cust_1016	7535.9600	0.08	46	2
8329	Ord_2160	Prod_15	SHP_2944	Cust_810	3636.3700	0.06	33	-
8332	Ord_2101	Prod_11	SHP_2875	Cust_790	10714.7800	0.00	41	-(
8335	Ord_2070	Prod_11	SHP_2833	Cust_784	3905.7500	0.01	21	5
8343	Ord_2178	Prod_4	SHP_2968	Cust_785	6030.5800	0.09	39	1
8366	Ord_3593	Prod_3	SHP_4974	Cust_1274	12073.0600	0.03	39	5
8367	Ord_3593	Prod_15	SHP_4975	Cust_1274	6685.0500	0.09	25	1
8371	Ord_2624	Prod_4	SHP_3591	Cust_1006	4924.1350	0.07	28	1
8383	Ord_2722	Prod_1	SHP_3731	Cust_1006	3508.3300	0.04	21	-!
8397	Ord_5348	Prod_15	SHP_7469	Cust_1798	3872.8700	0.03	23	5

In [14]: # We combine multiple conditions using the & operator
# E.g. all orders having 2000 < Sales < 3000 and Profit > 100
df.loc[(df.Sales > 2000) & (df.Sales < 3000) & (df.Profit > 100), :]

Out[14]:

	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	
3	Ord_5456	Prod_6	SHP_7625	Cust_1818	2337.8900	0.09	43	72
81	Ord_5205	Prod_4	SHP_7274	Cust_1749	2546.5235	0.09	26	21
109	Ord_139	Prod_17	SHP_186	Cust_45	2671.2100	0.06	14	63
110	Ord_239	Prod_4	SHP_332	Cust_45	2157.3085	0.00	38	51
141	Ord_1673	Prod_17	SHP_2314	Cust_498	2027.5500	0.04	14	53
146	Ord_1649	Prod_4	SHP_2278	Cust_498	2209.5155	0.06	41	45
176	Ord_2273	Prod_8	SHP_3101	Cust_878	2899.9800	0.10	19	66
184	Ord_5230	Prod_4	SHP_7304	Cust_1753	2197.4115	0.00	20	30
186	Ord_5159	Prod_5	SHP_7210	Cust_1753	2213.9200	0.03	20	76
230	Ord_657	Prod_4	SHP_899	Cust_209	2343.0760	0.06	24	31
285	Ord_1607	Prod_4	SHP_2220	Cust_506	2980.3720	0.02	19	49
314	Ord_1521	Prod_15	SHP_2100	Cust_560	2230.9700	0.06	12	27
349	Ord_4896	Prod_4	SHP_6829	Cust_1674	2827.1425	0.01	35	71
395	Ord_4144	Prod_2	SHP_5772	Cust_1418	2182.9100	0.10	40	54
404	Ord_1621	Prod_3	SHP_2238	Cust_566	2010.8900	0.09	34	56
510	Ord_3848	Prod_4	SHP_5335	Cust_1346	2660.6105	0.03	46	61
522	Ord_142	Prod_8	SHP_191	Cust_51	2689.4800	0.04	27	39
536	Ord_4909	Prod_2	SHP_6846	Cust_227	2180.2300	0.05	37	66
541	Ord_4935	Prod_4	SHP_6886	Cust_1680	2292.1015	0.02	21	39
647	Ord_4292	Prod_5	SHP_5988	Cust_1439	2758.2200	0.00	15	96
680	Ord_674	Prod_4	SHP_922	Cust_212	2404.5990	0.08	45	49
688	Ord_4904	Prod_1	SHP_6841	Cust_1682	2257.8800	0.01	38	47
718	Ord_2069	Prod_4	SHP_2832	Cust_783	2135.9735	0.07	40	23
720	Ord_2150	Prod_4	SHP_2932	Cust_805	2773.0315	0.04	38	89
729	Ord_4826	Prod_3	SHP_6724	Cust_1588	2168.0500	0.00	5	41
767	Ord_2054	Prod_2	SHP_2808	Cust_828	2192.6300	0.05	37	66
775	Ord_5154	Prod_4	SHP_7204	Cust_1746	2610.8940	0.00	23	51
783	Ord_2666	Prod_4	SHP_3652	Cust_1017	2368.1680	0.00	30	11
809	Ord_4279	Prod_1	SHP_5971	Cust_1440	2752.6800	0.04	45	43
810	Ord_4269	Prod_2	SHP_5958	Cust_1440	2405.0000	0.10	39	69
7777	Ord_3414	Prod_2	SHP_4733	Cust_1196	2167.0500	0.02	36	68

	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	
7778	Ord_3363	Prod_6	SHP_4663	Cust_1196	2040.3900	0.07	50	22
7788	Ord_2482	Prod_4	SHP_3399	Cust_977	2252.2620	0.10	42	47
7811	Ord_3215	Prod_4	SHP_4458	Cust_1188	2080.0350	0.10	31	84
7823	Ord_4370	Prod_9	SHP_6092	Cust_1492	2325.4200	0.02	25	73
7858	Ord_3232	Prod_3	SHP_4483	Cust_1200	2206.1700	0.02	4	25
7875	Ord_1762	Prod_17	SHP_2443	Cust_577	2287.1000	0.07	23	23
7877	Ord_1748	Prod_4	SHP_2421	Cust_577	2503.3265	0.04	45	44
7884	Ord_710	Prod_4	SHP_973	Cust_244	2529.3960	0.06	25	37
7911	Ord_5012	Prod_4	SHP_6993	Cust_1693	2882.7070	0.02	16	30
7927	Ord_2502	Prod_4	SHP_3430	Cust_976	2104.9910	0.09	20	16
7940	Ord_3277	Prod_4	SHP_4550	Cust_1224	2185.9535	0.10	21	26
7973	Ord_1694	Prod_6	SHP_2346	Cust_582	2145.0500	0.07	45	10
7986	Ord_4788	Prod_4	SHP_6674	Cust_1583	2478.4810	0.09	27	24
8045	Ord_5443	Prod_8	SHP_7605	Cust_1803	2587.5300	0.02	44	40
8048	Ord_796	Prod_5	SHP_1095	Cust_247	2780.8800	0.07	27	59
8061	Ord_2020	Prod_2	SHP_3104	Cust_892	2550.1200	0.01	40	88
8071	Ord_5350	Prod_4	SHP_7473	Cust_1795	2750.1070	0.00	24	60
8147	Ord_3214	Prod_4	SHP_4457	Cust_1187	2143.2155	0.02	37	46
8152	Ord_3337	Prod_2	SHP_4630	Cust_1187	2477.9900	0.00	30	74
8239	Ord_793	Prod_9	SHP_1089	Cust_245	2833.1900	0.06	34	14
8262	Ord_4954	Prod_4	SHP_6914	Cust_1694	2455.2760	0.04	42	69
8271	Ord_4679	Prod_4	SHP_6528	Cust_1587	2823.0370	0.10	29	37
8289	Ord_1749	Prod_4	SHP_2422	Cust_595	2731.7300	0.07	21	31
8304	Ord_2709	Prod_11	SHP_3709	Cust_1025	2272.5600	0.06	15	11
8338	Ord_2107	Prod_2	SHP_2882	Cust_785	2409.9600	0.07	32	57
8350	Ord_3570	Prod_4	SHP_4942	Cust_1266	2094.9780	0.06	44	69
8354	Ord_3592	Prod_4	SHP_4973	Cust_1266	2614.3705	0.07	25	38
8381	Ord_2696	Prod_4	SHP_3691	Cust_1006	2836.0505	0.01	25	56
8394	Ord_5353	Prod_4	SHP_7479	Cust_1798	2841.4395	0.08	28	37

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In [15]: # The 'OR' operator is represented by a | (Note that 'or' doesn't work with pa
ndas)
# E.g. all orders having 2000 < Sales OR Profit > 100
df.loc[(df.Sales > 2000) | (df.Profit > 100), :]
```

Out[15]:

2         Ord_5446         Prod_4         SHP_7610         Cust_1818         4701.6900         0.00         26         1           3         Ord_5456         Prod_6         SHP_7625         Cust_1818         2337.8900         0.09         43         7           4         Ord_5485         Prod_17         SHP_7664         Cust_1818         4233.1500         0.08         35         1           7         Ord_4725         Prod_4         SHP_6693         Cust_1641         4072.0100         0.01         48         1           10         Ord_4743         Prod_2         SHP_6693         Cust_1641         4072.0100         0.01         48         1           10         Ord_4743         Prod_4         SHP_6693         Cust_1621         41         4072.0100         0.01         48         1           10         Ord_2407         Prod_4         SHP_6693         Cust_1831         3364.2480         0.10         43         1           16         Ord_2282         Prod_9         SHP_312         Cust_383         43.43.600         0.02         25           27         Ord_4867         Prod_5         SHP_317         Cust_371         3202.2500         0.09         44		Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	Γ
A	2	Ord_5446	Prod_4	SHP_7610	Cust_1818	4701.6900	0.00	26	1
TOTQ-4725 Prod_4 SHP_6593 Cust_1641 3410.1575 0.10 48 1  10 Ord_4743 Prod_2 SHP_6615 Cust_1641 4072.0100 0.01 43 1  13 Ord_2207 Prod_11 SHP_3093 Cust_839 3364.2480 0.10 15	3	Ord_5456	Prod_6	SHP_7625	Cust_1818	2337.8900	0.09	43	7
10 Ord_4743 Prod_2 SHP_6615 Cust_1641 4072.0100 0.01 43 11 13 Ord_2207 Prod_11 SHP_3093 Cust_839 3364.2480 0.10 15 16 Ord_2282 Prod_9 SHP_3122 Cust_839 443.4600 0.06 30 11 17 Ord_4471 Prod_15 SHP_6228 Cust_1521 13255.9300 0.02 25 42 22 Ord_996 Prod_5 SHP_1377 Cust_371 3202.2500 0.09 44 52 43 43 43 43 43 43 43 43 43 43 43 43 43	4	Ord_5485	Prod_17	SHP_7664	Cust_1818	4233.1500	0.08	35	1
13 Ord_2207 Prod_11 SHP_3093 Cust_839 3364.2480 0.10 15 16 Ord_2282 Prod_9 SHP_3122 Cust_839 443.4600 0.06 30 1 17 Ord_4471 Prod_15 SHP_6228 Cust_1521 13255.9300 0.02 25 4 2 22 Ord_996 Prod_5 SHP_1377 Cust_371 3202.2500 0.09 44 9 5 2	7	Ord_4725	Prod_4	SHP_6593	Cust_1641	3410.1575	0.10	48	1
16         Ord_2282         Prod_9         SHP_3122         Cust_839         443.4600         0.06         30         1           17         Ord_4471         Prod_15         SHP_6228         Cust_1521         13255.9300         0.02         25         4           22         Ord_996         Prod_5         SHP_1377         Cust_371         3202.2500         0.09         44         9           27         Ord_2405         Prod_9         SHP_3300         Cust_931         1062.6900         0.01         28         4           28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           37         Ord_5040         Prod_2         SHP_7032         Cust_1710         1637.7800         0.08         38         4           38         Ord_5035         Prod_15         SHP_7025         Cust_1710         496.800         0.01         32         2           39         Ord_5045         Prod_5         SHP_7040         Cust_1710         4917.6900         0.02         42         1           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42	10	Ord_4743	Prod_2	SHP_6615	Cust_1641	4072.0100	0.01	43	1
17         Ord_4471         Prod_15         SHP_6228         Cust_1521         13255.9300         0.02         25         4           22         Ord_996         Prod_5         SHP_1377         Cust_371         3202.2500         0.09         44         9           27         Ord_2405         Prod_9         SHP_3300         Cust_931         1062.6900         0.01         28         4           28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           37         Ord_5040         Prod_2         SHP_7032         Cust_1710         416.8000         0.08         38         4           38         Ord_5035         Prod_15         SHP_7024         Cust_1710         416.8000         0.01         32         2           39         Ord_5035         Prod_5         SHP_7024         Cust_1710         4917.6900         0.05         48         3           40         Ord_46639         Prod_6         SHP_6493         Cust_1710         4917.6900         0.06         26         4           47         Ord_4682         Prod_4         SHP_6531         Cust_1749         4990.065         0.01         32	13	Ord_2207	Prod_11	SHP_3093	Cust_839	3364.2480	0.10	15	-(
22         Ord_996         Prod_5         SHP_1377         Cust_371         3202.2500         0.09         44         9           27         Ord_2405         Prod_9         SHP_3300         Cust_931         1062.6900         0.01         28         4           28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           37         Ord_5040         Prod_2         SHP_7032         Cust_1710         1637.7800         0.08         38         4           38         Ord_5035         Prod_12         SHP_7025         Cust_1710         416.8000         0.01         32         2           39         Ord_5045         Prod_5         SHP_7024         Cust_1710         4286.8700         0.05         48         3           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           47         Ord_4669         Prod_6         SHP_6493         Cust_1579         1451.5900         0.06         26         4           54         Ord_4682         Prod_4         SHP_6531         Cust_1579         1909.0065         0.01         32	16	Ord_2282	Prod_9	SHP_3122	Cust_839	443.4600	0.06	30	1
27         Ord_2405         Prod_9         SHP_3300         Cust_931         1062.6900         0.01         28         4           28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           37         Ord_5040         Prod_2         SHP_7032         Cust_1710         1637.7800         0.08         38         4           38         Ord_5035         Prod_12         SHP_7025         Cust_1710         1637.7800         0.08         38         4           39         Ord_5035         Prod_15         SHP_7024         Cust_1710         1286.8700         0.05         48         3           40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.05         48         3           40         Ord_4659         Prod_6         SHP_6493         Cust_1770         4917.6900         0.02         42         1           47         Ord_4668         Prod_6         SHP_6493         Cust_1579         1909.0065         0.01         32         3           54         Ord_4604         Prod_5         SHP_6146         Cust_1474         605.7700         0.05         42	17	Ord_4471	Prod_15	SHP_6228	Cust_1521	13255.9300	0.02	25	4
28         Ord_2573         Prod_4         SHP_3527         Cust_931         3594.7435         0.05         38         1           37         Ord_5040         Prod_2         SHP_7032         Cust_1710         1637.7800         0.08         38         4           38         Ord_5035         Prod_12         SHP_7025         Cust_1710         416.8000         0.01         32         2           39         Ord_5045         Prod_5         SHP_7040         Cust_1710         428.8700         0.05         48         3           40         Ord_5035         Prod_5         SHP_7024         Cust_1710         4917.6900         0.05         48         3           40         Ord_4659         Prod_6         SHP_6493         Cust_1579         1451.5900         0.06         26         4           47         Ord_46629         Prod_6         SHP_6531         Cust_1579         1490.0065         0.01         32         3           54         Ord_4682         Prod_4         SHP_6531         Cust_1579         1909.0065         0.01         32         3           56         Ord_4410         Prod_5         SHP_6146         Cust_1474         605.7700         0.05         42	22	Ord_996	Prod_5	SHP_1377	Cust_371	3202.2500	0.09	44	9
37 Ord_5040 Prod_2 SHP_7032 Cust_1710 1637.7800 0.08 38 4 38 Ord_5035 Prod_12 SHP_7025 Cust_1710 416.8000 0.01 32 2 39 Ord_5045 Prod_5 SHP_7040 Cust_1710 1286.8700 0.05 48 33 40 Ord_5035 Prod_15 SHP_7024 Cust_1710 4917.6900 0.02 42 1 47 Ord_4659 Prod_6 SHP_6493 Cust_1579 1451.5900 0.06 26 4 48 Ord_4662 Prod_4 SHP_6531 Cust_1579 1909.0065 0.01 32 3 56 Ord_4410 Prod_5 SHP_6146 Cust_1474 605.7700 0.05 42 1 57 Ord_4546 Prod_1 SHP_6327 Cust_1474 5208.7800 0.05 34 1 62 Ord_4410 Prod_6 SHP_6146 Cust_1474 1480.9100 0.00 44 4 4 6 0.000 0.000 0.00 0.00 0	27	Ord_2405	Prod_9	SHP_3300	Cust_931	1062.6900	0.01	28	4
38  Ord_5035  Prod_12  SHP_7025  Cust_1710  416.8000  0.01  32  2 39  Ord_5045  Prod_5  SHP_7040  Cust_1710  1286.8700  0.05  48  3 40  Ord_5035  Prod_15  SHP_7024  Cust_1710  4917.6900  0.02  42  1 47  Ord_4659  Prod_6  SHP_6493  Cust_1579  1451.5900  0.06  26  45 48  Ord_4682  Prod_4  SHP_6531  Cust_1579  1909.0065  0.01  32  32 56  Ord_4410  Prod_5  SHP_6146  Cust_1474  605.7700  0.05  42  1 57  Ord_4546  Prod_1  SHP_6327  Cust_1474  5208.7800  0.05  34  1 62  Ord_4410  Prod_6  SHP_6146  Cust_1474  1480.9100  0.00  44  44 64  Ord_4475  Prod_4  SHP_6234  Cust_1474  1480.9100  0.00  44  44 64  Ord_4475  Prod_2  SHP_6408  Cust_1474  1463.4200  0.08  26  3 77  Ord_5213  Prod_13  SHP_7284  Cust_1749  1633.3700  0.08  50  1 79  Ord_5188  Prod_14  SHP_7252  Cust_1749  1633.3700  0.06  12  2 81  Ord_5205  Prod_4  SHP_7274  Cust_1749  2546.5235  0.09  26  2 82  Ord_5156  Prod_4  SHP_7207  Cust_1749  3874.1320  0.06  48  2 84  Ord_5232  Prod_17  SHP_7306  Cust_1758  1239.4445  0.07  22  1 88  Ord_5172  Prod_4  SHP_7229  Cust_1758  1239.4445  0.07  22  1 89  Ord_5481  Prod_15  SHP_7659  Cust_1820  2700.7800  0.06  29  - 102  Ord_1557  Prod_2  SHP_2152  Cust_565  1736.5300  0.10  46  4	28	Ord_2573	Prod_4	SHP_3527	Cust_931	3594.7435	0.05	38	1
39  Ord_5045  Prod_5  SHP_7040  Cust_1710  1286.8700  0.05	37	Ord_5040	Prod_2	SHP_7032	Cust_1710	1637.7800	0.08	38	4
40         Ord_5035         Prod_15         SHP_7024         Cust_1710         4917.6900         0.02         42         1           47         Ord_4659         Prod_6         SHP_6493         Cust_1579         1451.5900         0.06         26         4           54         Ord_4682         Prod_4         SHP_6531         Cust_1579         1909.0065         0.01         32         3           56         Ord_4410         Prod_5         SHP_6146         Cust_1474         605.7700         0.05         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           62         Ord_4410         Prod_6         SHP_6146         Cust_1474         1480.9100         0.00         44         4           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         1480.9100         0.00         44         4           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           70         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50	38	Ord_5035	Prod_12	SHP_7025	Cust_1710	416.8000	0.01	32	2
47         Ord_4659         Prod_6         SHP_6493         Cust_1579         1451.5900         0.06         26         4           54         Ord_4682         Prod_4         SHP_6531         Cust_1579         1909.0065         0.01         32         3           56         Ord_4410         Prod_5         SHP_6146         Cust_1474         605.7700         0.05         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           62         Ord_4410         Prod_6         SHP_6146         Cust_1474         1480.9100         0.00         44         4           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           70         Ord_4607         Prod_2         SHP_6408         Cust_1474         1463.4200         0.08         26         3           77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12	39	Ord_5045	Prod_5	SHP_7040	Cust_1710	1286.8700	0.05	48	3
54         Ord_4682         Prod_4         SHP_6531         Cust_1579         1909.0065         0.01         32         3           56         Ord_4410         Prod_5         SHP_6146         Cust_1474         605.7700         0.05         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           62         Ord_4410         Prod_6         SHP_6146         Cust_1474         1480.9100         0.00         44         4           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           70         Ord_4607         Prod_2         SHP_6408         Cust_1474         1463.4200         0.08         26         3           77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         2546.5235         0.09         26         2           81         Ord_5205         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48	40	Ord_5035	Prod_15	SHP_7024	Cust_1710	4917.6900	0.02	42	1
56         Ord_4410         Prod_5         SHP_6146         Cust_1474         605.7700         0.05         42         1           57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           62         Ord_4410         Prod_6         SHP_6146         Cust_1474         1480.9100         0.00         44         4           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           70         Ord_4607         Prod_2         SHP_6408         Cust_1474         1463.4200         0.08         26         3           77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           81         Ord_5205         Prod_4         SHP_7274         Cust_1749         2546.5235         0.09         26         2           82         Ord_5156         Prod_4         SHP_7306         Cust_1758         21366.5100         0.00         3	47	Ord_4659	Prod_6	SHP_6493	Cust_1579	1451.5900	0.06	26	4
57         Ord_4546         Prod_1         SHP_6327         Cust_1474         5208.7800         0.05         34         1           62         Ord_4410         Prod_6         SHP_6146         Cust_1474         1480.9100         0.00         44         4           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           70         Ord_4607         Prod_2         SHP_6408         Cust_1474         1463.4200         0.08         26         3           77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           81         Ord_5205         Prod_4         SHP_7274         Cust_1749         8374.1320         0.06         48         2           82         Ord_5156         Prod_4         SHP_7306         Cust_1758         21366.5100         0.00         3         -           84         Ord_5172         Prod_4         SHP_7229         Cust_1758         1239.4445         0.07         22	54	Ord_4682	Prod_4	SHP_6531	Cust_1579	1909.0065	0.01	32	3
62         Ord_4410         Prod_6         SHP_6146         Cust_1474         1480.9100         0.00         44         44           64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           70         Ord_4607         Prod_2         SHP_6408         Cust_1474         1463.4200         0.08         26         3           77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           81         Ord_5205         Prod_4         SHP_7274         Cust_1749         2546.5235         0.09         26         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         1239.4445         0.07         22         1           98         Ord_5481         Prod_15         SHP_7659         Cust_1820         2700.7800         0.06         29 <th>56</th> <td>Ord_4410</td> <td>Prod_5</td> <td>SHP_6146</td> <td>Cust_1474</td> <td>605.7700</td> <td>0.05</td> <td>42</td> <td>1</td>	56	Ord_4410	Prod_5	SHP_6146	Cust_1474	605.7700	0.05	42	1
64         Ord_4475         Prod_4         SHP_6234         Cust_1474         7640.2250         0.07         46         2           70         Ord_4607         Prod_2         SHP_6408         Cust_1474         1463.4200         0.08         26         3           77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           81         Ord_5205         Prod_4         SHP_7274         Cust_1749         2546.5235         0.09         26         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           88         Ord_5172         Prod_4         SHP_7229         Cust_1758         1239.4445         0.07         22         1           98         Ord_5481         Prod_15         SHP_7659         Cust_1820         2700.7800         0.06         29	57	Ord_4546	Prod_1	SHP_6327	Cust_1474	5208.7800	0.05	34	1
70         Ord_4607         Prod_2         SHP_6408         Cust_1474         1463.4200         0.08         26         3           77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           81         Ord_5205         Prod_4         SHP_7274         Cust_1749         2546.5235         0.09         26         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           88         Ord_5172         Prod_4         SHP_7229         Cust_1758         1239.4445         0.07         22         1           98         Ord_5481         Prod_15         SHP_7659         Cust_1820         2700.7800         0.06         29         -           102         Ord_1557         Prod_2         SHP_2152         Cust_565         1736.5300         0.10         46	62	Ord_4410	Prod_6	SHP_6146	Cust_1474	1480.9100	0.00	44	4
77         Ord_5213         Prod_13         SHP_7284         Cust_1749         1633.3700         0.08         50         1           79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           81         Ord_5205         Prod_4         SHP_7274         Cust_1749         2546.5235         0.09         26         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           88         Ord_5172         Prod_4         SHP_7229         Cust_1758         1239.4445         0.07         22         1           98         Ord_5481         Prod_15         SHP_7659         Cust_1820         2700.7800         0.06         29         -           102         Ord_1557         Prod_2         SHP_2152         Cust_565         1736.5300         0.10         46         4	64	Ord_4475	Prod_4	SHP_6234	Cust_1474	7640.2250	0.07	46	2
79         Ord_5188         Prod_14         SHP_7252         Cust_1749         5177.4000         0.06         12         2           81         Ord_5205         Prod_4         SHP_7274         Cust_1749         2546.5235         0.09         26         2           82         Ord_5156         Prod_4         SHP_7207         Cust_1749         8374.1320         0.06         48         2           84         Ord_5232         Prod_17         SHP_7306         Cust_1758         21366.5100         0.00         3         -           88         Ord_5172         Prod_4         SHP_7229         Cust_1758         1239.4445         0.07         22         1           98         Ord_5481         Prod_15         SHP_7659         Cust_1820         2700.7800         0.06         29         -           102         Ord_1557         Prod_2         SHP_2152         Cust_565         1736.5300         0.10         46         4	70	Ord_4607	Prod_2	SHP_6408	Cust_1474	1463.4200	0.08	26	3
81       Ord_5205       Prod_4       SHP_7274       Cust_1749       2546.5235       0.09       26       2         82       Ord_5156       Prod_4       SHP_7207       Cust_1749       8374.1320       0.06       48       2         84       Ord_5232       Prod_17       SHP_7306       Cust_1758       21366.5100       0.00       3       -         88       Ord_5172       Prod_4       SHP_7229       Cust_1758       1239.4445       0.07       22       1         98       Ord_5481       Prod_15       SHP_7659       Cust_1820       2700.7800       0.06       29       -         102       Ord_1557       Prod_2       SHP_2152       Cust_565       1736.5300       0.10       46       4	77	Ord_5213	Prod_13	SHP_7284	Cust_1749	1633.3700	0.08	50	1
82       Ord_5156       Prod_4       SHP_7207       Cust_1749       8374.1320       0.06       48       2         84       Ord_5232       Prod_17       SHP_7306       Cust_1758       21366.5100       0.00       3       -         88       Ord_5172       Prod_4       SHP_7229       Cust_1758       1239.4445       0.07       22       1         98       Ord_5481       Prod_15       SHP_7659       Cust_1820       2700.7800       0.06       29       -         102       Ord_1557       Prod_2       SHP_2152       Cust_565       1736.5300       0.10       46       4	79	Ord_5188	Prod_14	SHP_7252	Cust_1749	5177.4000	0.06	12	2
84       Ord_5232       Prod_17       SHP_7306       Cust_1758       21366.5100       0.00       3       -         88       Ord_5172       Prod_4       SHP_7229       Cust_1758       1239.4445       0.07       22       1         98       Ord_5481       Prod_15       SHP_7659       Cust_1820       2700.7800       0.06       29       -         102       Ord_1557       Prod_2       SHP_2152       Cust_565       1736.5300       0.10       46       4	81	Ord_5205	Prod_4	SHP_7274	Cust_1749	2546.5235	0.09	26	2
88       Ord_5172       Prod_4       SHP_7229       Cust_1758       1239.4445       0.07       22       1         98       Ord_5481       Prod_15       SHP_7659       Cust_1820       2700.7800       0.06       29       -         102       Ord_1557       Prod_2       SHP_2152       Cust_565       1736.5300       0.10       46       4	82	Ord_5156	Prod_4	SHP_7207	Cust_1749	8374.1320	0.06	48	2
98       Ord_5481       Prod_15       SHP_7659       Cust_1820       2700.7800       0.06       29       -         102       Ord_1557       Prod_2       SHP_2152       Cust_565       1736.5300       0.10       46       4	84	Ord_5232	Prod_17	SHP_7306	Cust_1758	21366.5100	0.00	3	-
102       Ord_1557       Prod_2       SHP_2152       Cust_565       1736.5300       0.10       46       4	88	Ord_5172	Prod_4	SHP_7229	Cust_1758	1239.4445	0.07	22	1
	98	Ord_5481	Prod_15	SHP_7659	Cust_1820	2700.7800	0.06	29	-
	102	Ord_1557	Prod_2	SHP_2152	Cust_565	1736.5300	0.10	46	4
8328         Ord_2169         Prod_6         SHP_2956         Cust_810         1321.5500         0.10         25         4									
	8328	Ord_2169	Prod_6	SHP_2956	Cust_810	1321.5500	0.10	25	4

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	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	
8329	Ord_2160	Prod_15	SHP_2944	Cust_810	3636.3700	0.06	33	-
8331	Ord_2148	Prod_10	SHP_2929	Cust_810	2966.1300	0.08	31	<u>-</u>
8332	Ord_2101	Prod_11	SHP_2875	Cust_790	10714.7800	0.00	41	-(
8334	Ord_2124	Prod_3	SHP_2900	Cust_790	926.8500	0.09	34	3
8335	Ord_2070	Prod_11	SHP_2833	Cust_784	3905.7500	0.01	21	5
8338	Ord_2107	Prod_2	SHP_2882	Cust_785	2409.9600	0.07	32	5
8342	Ord_2119	Prod_2	SHP_2895	Cust_785	1623.0900	0.02	28	2
8343	Ord_2178	Prod_4	SHP_2968	Cust_785	6030.5800	0.09	39	1
8344	Ord_2194	Prod_5	SHP_2991	Cust_785	525.7800	0.03	20	1
8347	Ord_3534	Prod_4	SHP_4894	Cust_1266	1735.3515	0.08	31	2
8350	Ord_3570	Prod_4	SHP_4942	Cust_1266	2094.9780	0.06	44	6
8351	Ord_3584	Prod_15	SHP_4961	Cust_1266	2502.6700	0.10	9	<u>-</u> `
8354	Ord_3592	Prod_4	SHP_4973	Cust_1266	2614.3705	0.07	25	3
8358	Ord_3582	Prod_6	SHP_4959	Cust_1266	539.6600	0.00	26	1
8359	Ord_3543	Prod_3	SHP_4906	Cust_1266	514.2200	0.02	17	1
8360	Ord_3639	Prod_10	SHP_5038	Cust_1266	2173.2600	0.00	35	-4
8362	Ord_3593	Prod_5	SHP_4975	Cust_1274	1175.5300	0.03	18	2
8366	Ord_3593	Prod_3	SHP_4974	Cust_1274	12073.0600	0.03	39	5
8367	Ord_3593	Prod_15	SHP_4975	Cust_1274	6685.0500	0.09	25	1
8369	Ord_3633	Prod_3	SHP_5031	Cust_1274	1169.2600	0.02	41	5
8371	Ord_2624	Prod_4	SHP_3591	Cust_1006	4924.1350	0.07	28	1
8375	Ord_2772	Prod_3	SHP_3806	Cust_1006	1413.8200	0.10	47	2
8378	Ord_2706	Prod_2	SHP_3705	Cust_1006	1361.9100	0.05	20	3
8381	Ord_2696	Prod_4	SHP_3691	Cust_1006	2836.0505	0.01	25	5
8383	Ord_2722	Prod_1	SHP_3731	Cust_1006	3508.3300	0.04	21	Ť
8385	Ord_1833	Prod_3	SHP_2527	Cust_637	611.1600	0.04	46	1
8394	Ord_5353	Prod_4	SHP_7479	Cust_1798	2841.4395	0.08	28	3
8397	Ord_5348	Prod_15	SHP_7469	Cust_1798	3872.8700	0.03	23	5
8398	Ord_5459	Prod_6	SHP_7628	Cust_1798	603.6900	0.00	47	1
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## Out[16]:

	Cust_id	Sales	Profit
3	Cust_1818	2337.8900	729.34
81	Cust_1749	2546.5235	210.00
109	Cust_45	2671.2100	636.18
110	Cust_45	2157.3085	519.25
141	Cust_498	2027.5500	537.40
146	Cust_498	2209.5155	458.62
176	Cust_878	2899.9800	666.01
184	Cust_1753	2197.4115	305.96
186	Cust_1753	2213.9200	768.34
230	Cust_209	2343.0760	311.64
285	Cust_506	2980.3720	494.63
314	Cust_560	2230.9700	273.27
349	Cust_1674	2827.1425	713.88
395	Cust_1418	2182.9100	549.45
404	Cust_566	2010.8900	564.07
510	Cust_1346	2660.6105	618.07
522	Cust_51	2689.4800	399.93
536	Cust_227	2180.2300	660.25
541	Cust_1680	2292.1015	398.36
647	Cust_1439	2758.2200	966.81
680	Cust_212	2404.5990	496.89
688	Cust_1682	2257.8800	474.98
718	Cust_783	2135.9735	239.40
720	Cust_805	2773.0315	897.87
729	Cust_1588	2168.0500	416.02
767	Cust_828	2192.6300	660.06
775	Cust_1746	2610.8940	516.19
783	Cust_1017	2368.1680	1181.30
809	Cust_1440	2752.6800	430.32
810	Cust_1440	2405.0000	696.17
7777	Cust_1196	2167.0500	684.90

	Cust_id	Sales	Profit
7778	Cust_1196	2040.3900	221.09
7788	Cust_977	2252.2620	478.11
7811	Cust_1188	2080.0350	844.90
7823	Cust_1492	2325.4200	739.91
7858	Cust_1200	2206.1700	251.43
7875	Cust_577	2287.1000	231.49
7877	Cust_577	2503.3265	447.12
7884	Cust_244	2529.3960	371.21
7911	Cust_1693	2882.7070	303.23
7927	Cust_976	2104.9910	165.45
7940	Cust_1224	2185.9535	268.01
7973	Cust_582	2145.0500	1012.67
7986	Cust_1583	2478.4810	249.10
8045	Cust_1803	2587.5300	401.85
8048	Cust_247	2780.8800	595.38
8061	Cust_892	2550.1200	882.45
8071	Cust_1795	2750.1070	600.42
8147	Cust_1187	2143.2155	464.36
8152	Cust_1187	2477.9900	747.68
8239	Cust_245	2833.1900	1409.87
8262	Cust_1694	2455.2760	693.06
8271	Cust_1587	2823.0370	372.40
8289	Cust_595	2731.7300	310.59
8304	Cust_1025	2272.5600	111.05
8338	Cust_785	2409.9600	575.10
8350	Cust_1266	2094.9780	697.29
8354	Cust_1266	2614.3705	384.01
8381	Cust_1006	2836.0505	561.13
8394	Cust_1798	2841.4395	374.63

328 rows × 3 columns

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In [17]: # You can use the == and != operators
    df.loc[(df.Sales == 4233.15), :]
    df.loc[(df.Sales != 1000), :]
```

Out[17]:

	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	
0	Ord_5446	Prod_16	SHP_7609	Cust_1818	136.8100	0.01	23	-;
1	Ord_5406	Prod_13	SHP_7549	Cust_1818	42.2700	0.01	13	4
2	Ord_5446	Prod_4	SHP_7610	Cust_1818	4701.6900	0.00	26	1
3	Ord_5456	Prod_6	SHP_7625	Cust_1818	2337.8900	0.09	43	7
4	Ord_5485	Prod_17	SHP_7664	Cust_1818	4233.1500	0.08	35	1
5	Ord_5446	Prod_6	SHP_7608	Cust_1818	164.0200	0.03	23	-4
6	Ord_31	Prod_12	SHP_41	Cust_26	14.7600	0.01	5	1
7	Ord_4725	Prod_4	SHP_6593	Cust_1641	3410.1575	0.10	48	1
8	Ord_4725	Prod_13	SHP_6593	Cust_1641	162.0000	0.01	33	4
9	Ord_4725	Prod_6	SHP_6593	Cust_1641	57.2200	0.07	8	-:
10	Ord_4743	Prod_2	SHP_6615	Cust_1641	4072.0100	0.01	43	1
11	Ord_1925	Prod_6	SHP_2637	Cust_708	465.9000	0.05	38	7
12	Ord_2978	Prod_16	SHP_4112	Cust_1088	305.0500	0.04	27	2
13	Ord_2207	Prod_11	SHP_3093	Cust_839	3364.2480	0.10	15	-(
14	Ord_2207	Prod_10	SHP_3006	Cust_839	1410.9300	0.08	10	-;
15	Ord_2280	Prod_5	SHP_3114	Cust_839	460.6900	0.06	48	-
16	Ord_2282	Prod_9	SHP_3122	Cust_839	443.4600	0.06	30	1
17	Ord_4471	Prod_15	SHP_6228	Cust_1521	13255.9300	0.02	25	4
18	Ord_4427	Prod_6	SHP_6171	Cust_1521	283.1300	0.08	45	<u>-</u>
19	Ord_996	Prod_13	SHP_1378	Cust_371	41.9700	0.05	12	-;
20	Ord_996	Prod_13	SHP_1378	Cust_371	57.1700	0.08	18	-:
21	Ord_996	Prod_6	SHP_1378	Cust_371	81.2500	0.01	11	-4
22	Ord_996	Prod_5	SHP_1377	Cust_371	3202.2500	0.09	44	9
23	Ord_996	Prod_7	SHP_1378	Cust_371	35.6400	0.05	10	-(
24	Ord_2573	Prod_3	SHP_3525	Cust_931	197.6100	0.08	13	3
25	Ord_2335	Prod_13	SHP_3204	Cust_931	38.2600	0.03	22	-:
26	Ord_2456	Prod_5	SHP_3367	Cust_931	109.5800	0.00	13	3
27	Ord_2405	Prod_9	SHP_3300	Cust_931	1062.6900	0.01	28	4
28	Ord_2573	Prod_4	SHP_3527	Cust_931	3594.7435	0.05	38	1
29	Ord_2478	Prod_12	SHP_3395	Cust_931	139.9800	0.07	33	-
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8369	Ord_3633	Prod 3	SHP_5031	Cust_1274	1169.2600	0.02	41	5

8371 Or 8372 Or 8374 Or 8375 Or 8376 Or 8378 Or 8378 Or 8378	Ord_2696 Ord_2624 Ord_2600 Ord_2658 Ord_2772 Ord_2624 Ord_2722 Ord_2706 Ord_2722 Ord_2772	Prod_5	SHP_3690 SHP_3591 SHP_3560 SHP_3637 SHP_3806 SHP_3729 SHP_3705	Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006	62.7800 4924.1350 56.9000 106.6400 1082.6600 1413.8200	0.04 0.07 0.03 0.10 0.08 0.10 0.00	Order_Quantity  20  28  7  30  14  47  36	1 1 -: 2
8371 Or 8372 Or 8374 Or 8375 Or 8376 Or 8378 O	ord_2624 ord_2772 ord_2600 ord_2658 ord_2772 ord_2624 ord_2722 ord_2706 ord_2722 ord_2772	Prod_4 Prod_9 Prod_16 Prod_5 Prod_3 Prod_8 Prod_12 Prod_2 Prod_5	SHP_3591 SHP_3560 SHP_3637 SHP_3806 SHP_3590 SHP_3729 SHP_3705	Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006	4924.1350 56.9000 106.6400 1082.6600 1413.8200 1211.0000	0.07 0.03 0.10 0.08 0.10 0.00	28 7 30 14 47	1 -:
8372 Or 8374 Or 8375 Or 8376 Or 8378 Or 8378 Or 8378	ord_2772 ord_2600 ord_2658 ord_2772 ord_2624 ord_2722 ord_2706 ord_2722 ord_2772	Prod_9 Prod_16 Prod_5 Prod_3 Prod_8 Prod_12 Prod_2 Prod_5	SHP_3806 SHP_3560 SHP_3637 SHP_3806 SHP_3590 SHP_3729 SHP_3705	Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006	56.9000 106.6400 1082.6600 1413.8200 1211.0000	0.03 0.10 0.08 0.10 0.00	7 30 14 47	1 -:
8373 Or 8374 Or 8376 Or 8378 Or 8378 Or 8378	ord_2600 ord_2658 ord_2772 ord_2624 ord_2722 ord_2706 ord_2722 ord_2772	Prod_16 Prod_5 Prod_3 Prod_8 Prod_12 Prod_2 Prod_5	SHP_3560 SHP_3637 SHP_3806 SHP_3590 SHP_3729 SHP_3705	Cust_1006 Cust_1006 Cust_1006 Cust_1006 Cust_1006	106.6400 1082.6600 1413.8200 1211.0000	0.10 0.08 0.10 0.00	30 14 47	-: -: 2
8374 OI 8375 OI 8376 OI 8377 OI 8378 OI	ord_2658 ord_2772 ord_2624 ord_2722 ord_2706 ord_2722 ord_2772	Prod_5 Prod_3 Prod_8 Prod_12 Prod_2 Prod_5	SHP_3637 SHP_3806 SHP_3590 SHP_3729 SHP_3705	Cust_1006 Cust_1006 Cust_1006 Cust_1006	1082.6600 1413.8200 1211.0000	0.08 0.10 0.00	14 47	-; 2
8375 OI 8376 OI 8377 OI 8378 OI	ord_2772 ord_2624 ord_2722 ord_2706 ord_2722 ord_2772	Prod_3 Prod_8 Prod_12 Prod_2 Prod_5	SHP_3806 SHP_3590 SHP_3729 SHP_3705	Cust_1006 Cust_1006 Cust_1006	1413.8200 1211.0000	0.10	47	2
8376 OI 8377 OI 8378 OI	Ord_2624 Ord_2722 Ord_2706 Ord_2722 Ord_2772	Prod_8 Prod_12 Prod_2 Prod_5	SHP_3590 SHP_3729 SHP_3705	Cust_1006	1211.0000	0.00		2
8377 O	Ord_2722 Ord_2706 Ord_2722 Ord_2772	Prod_12 Prod_2 Prod_5	SHP_3729 SHP_3705	Cust_1006			36	-1
<b>8378</b> O	Ord_2706 Ord_2722 Ord_2772	Prod_2 Prod_5	SHP_3705	_	34.0100			ш.
	- Ord_2722 Ord_2772	Prod_5		_		0.00	12	1
0270	 )rd_2772			Cust_1006	1361.9100	0.05	20	3
<b>8379</b> O	_		SHP_3730	Cust_1006	1008.9500	0.04	41	6
<b>8380</b> O	ord sens	Prod_6	SHP_3807	Cust_1006	308.9200	0.04	45	<u>-</u>
<b>8381</b> O	/iu_2090	Prod_4	SHP_3691	Cust_1006	2836.0505	0.01	25	5
<b>8382</b> O	ord_2658	Prod_3	SHP_3636	Cust_1006	120.9800	0.00	28	ï
<b>8383</b> O	ord_2722	Prod_1	SHP_3731	Cust_1006	3508.3300	0.04	21	-{
<b>8384</b> O	ord_4620	Prod_3	SHP_6435	Cust_1577	59.6200	0.04	10	-{
<b>8385</b> O	0rd_1833	Prod_3	SHP_2527	Cust_637	611.1600	0.04	46	1
<b>8386</b> O	ord_2324	Prod_7	SHP_3189	Cust_851	121.8700	0.07	39	1
<b>8387</b> O	ord_2220	Prod_3	SHP_3019	Cust_851	41.0600	0.04	4	i
<b>8388</b> O	ord_4424	Prod_1	SHP_6165	Cust_1519	994.0400	0.03	10	-;
<b>8389</b> O	ord_4444	Prod_13	SHP_6192	Cust_1519	159.4100	0.00	44	3
<b>8390</b> O	0rd_5435	Prod_16	SHP_7594	Cust_1798	316.9900	0.04	47	11
<b>8391</b> O	ord_5435	Prod_4	SHP_7594	Cust_1798	1991.8985	0.07	20	8
<b>8392</b> O	ord_5384	Prod_9	SHP_7519	Cust_1798	181.5000	0.08	43	-(
<b>8393</b> O	ord_5348	Prod_8	SHP_7470	Cust_1798	356.7200	0.07	9	1
<b>8394</b> O	ord_5353	Prod_4	SHP_7479	Cust_1798	2841.4395	0.08	28	3
<b>8395</b> O	0rd_5411	Prod_6	SHP_7555	Cust_1798	127.1600	0.10	20	-7
<b>8396</b> O	0rd_5388	Prod_6	SHP_7524	Cust_1798	243.0500	0.02	39	-
<b>8397</b> O	0rd_5348	Prod_15	SHP_7469	Cust_1798	3872.8700	0.03	23	5
<b>8398</b> O	ord_5459	Prod_6	SHP_7628	Cust_1798	603.6900	0.00	47	1

In [18]: # You may want to select rows whose column value is in an iterable
# For instance, say a colleague gives you a list of customer\_ids from a certai
n region

customers\_in\_bangalore = ['Cust\_1798', 'Cust\_1519', 'Cust\_637', 'Cust\_851']

# To get all the orders from these customers, use the isin() function
# It returns a boolean, which you can use to select rows
df.loc[df['Cust\_id'].isin(customers\_in\_bangalore), :]

## Out[18]:

	Ord_id	Prod_id	Ship_id	Cust_id	Sales	Discount	Order_Quantity	I
8385	Ord_1833	Prod_3	SHP_2527	Cust_637	611.1600	0.04	46	10
8386	Ord_2324	Prod_7	SHP_3189	Cust_851	121.8700	0.07	39	11
8387	Ord_2220	Prod_3	SHP_3019	Cust_851	41.0600	0.04	4	-1
8388	Ord_4424	Prod_1	SHP_6165	Cust_1519	994.0400	0.03	10	-3
8389	Ord_4444	Prod_13	SHP_6192	Cust_1519	159.4100	0.00	44	34
8390	Ord_5435	Prod_16	SHP_7594	Cust_1798	316.9900	0.04	47	-2
8391	Ord_5435	Prod_4	SHP_7594	Cust_1798	1991.8985	0.07	20	88
8392	Ord_5384	Prod_9	SHP_7519	Cust_1798	181.5000	0.08	43	-6
8393	Ord_5348	Prod_8	SHP_7470	Cust_1798	356.7200	0.07	9	12
8394	Ord_5353	Prod_4	SHP_7479	Cust_1798	2841.4395	0.08	28	37
8395	Ord_5411	Prod_6	SHP_7555	Cust_1798	127.1600	0.10	20	-7.
8396	Ord_5388	Prod_6	SHP_7524	Cust_1798	243.0500	0.02	39	-7
8397	Ord_5348	Prod_15	SHP_7469	Cust_1798	3872.8700	0.03	23	56
8398	Ord_5459	Prod_6	SHP_7628	Cust_1798	603.6900	0.00	47	13