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ModeResult(mode=array(['Fashion accessories'], dtype=object), count=array([178]))
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Home and lifestyle 55.316937 5.693750 16.030331 336.636956 320.606625 4.761905 16.030331 \$\$ \$\$ ports and travel 56.993253 5.542169 15.812630 332.065220 316.252590 4.761905 15.812630 \$\$ \$\$ ports and travel 56.993253 5.542169 15.812630 332.065220 316.252590 4.761905 15.812630 \$\$ \$\$ ports and travel 56.993253 5.542169 15.812630 332.065220 316.252590 4.761905 15.812630 \$\$ \$\$ ports and travel 15.812630 \$\$ \$\$ ports and travel 16.030331 \$\$ ports and travel 16.030331 \$\$ ports and travel 16.4295 345.0195 27.762019 10.52 Cash 328.59 4.761905 6.5210 \$\$ ports and travel 16.4295 345.0195 27.1672019 10.52 Cash 328.59 4.761905 6.2620 \$\$ ports and travel 16.4295 345.0195 27.1672019 10.52 Cash 328.59 4.761905 6.2620 \$\$ ports and travel 40.05 8.010 10.000 168.2100 1.7272019 16:32 Cash 328.59 4.761905 6.3000 16.4295 345.0195 7.762019 11.3676 9.3000 17.7272019 16:32 Ewallet 294.20 4.761905 3.3050 4.761905 12.666 8.9 1.772019 16:32 Ewallet 294.20 4.761905 3.3050 4.761905 10.316 5.7750 304.2750 30
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marketsalesdata['Gender'].value_counts() marketsalesdata['Customer type'].value_counts() marketsalesdata[marketsalesdata['Gender']=='Male'].value_counts() marketsalesdata[marketsalesdata['Gender']=='Female'].value_counts() marketsalesdata[marketsalesdata['Gender']=='Female'].value_counts() marketsalesdata[marketsalesdata['Gender']=='Female'].value_counts() marketsalesdata[marketsalesdata['Gender']=='Female'].value_counts() marketsalesdata[marketsalesdata['Gender']='Female'].value_counts() 10.181.40700
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Rating 101-81-4070 C Naypyitaw 62.82
4.9 1 632-90-0281 C Naypyitaw Normal Female Fashion accessories 37.55 18.7750 394.2750 3/8/2019 20:01 Credit card 375.50 4.761905 18.775 9.3 1 650-98-6268 B Mandalay Member Female Food and beverages 20.87 3.1305 65.7405 3/20/2019 13:53 Credit card 62.61 4.761905 3.1305 8.0 1 649-11-3678 C Naypyitaw Normal Female Food and beverages 22.93 10.3185 216.6885 2/26/2019 20:26 Cash 206.37 4.761905 10.318 5.5 1 647-50-1224 A Yangon Normal Female Fashion accessories 29.42 14.7100 308.9100 1/12/2019 16:23 Ewallet 294.20 4.761905 14.716 8.9 1 346-84-3103 B Mandalay Member Female Electronic accessories 29.42 3.3050 69.4050 3/2/2019 19:26 Cash 66.10 4.761905 14.716 8.9 1 346-84-9016 C Naypyitaw Member Female Sports and travel 31.67 12.6680 266.0280 1/2/2019 16:19 Credit card 253.36 4.761905 12.668 5.6 1 343-75-9322 B Mandalay Member Female Sports and travel 31.85 4.7400 99.5400 1/9/2019 16:34 Cash 94.80 4.761905 4.74006 4.1 1 340-21-9136 A Yangon Member Female Sports and travel 11.85 8.0100 168.2100 1/25/2019 11:40 Cash 160.20 4.761905 8.0100 9.7 1 895-03-6665 B Mandalay Normal Female Fashion accessories 36.51 16.4295 345.0195 2/16/2019 10:52 Cash 328.59 4.761905 16.4295 4.2 1
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4.1 1 340-21-9136 A Yangon Member Female Sports and travel 40.05 8.0100 168.2100 1/25/2019 11:40 Cash 160.20 4.761905 8.0100 9.7 1 895-03-6665 B Mandalay Normal Female Fashion accessories 36.51 16.4295 345.0195 2/16/2019 10:52 Cash 328.59 4.761905 16.4294
8.0100 168.2100 1/25/2019 11:40 Cash 160.20 4.761905 8.0100 9.7 1 895-03-6665 B Mandalay Normal Female Fashion accessories 36.51 16.4295 345.0195 2/16/2019 10:52 Cash 328.59 4.761905 16.4294.2 1
16.4295 345.0195 2/16/2019 10:52 Cash 328.59 4.761905 16.429 4.2 1
: marketsalesdata['Payment'].value_counts()
Ewallet 345 Cash 344 Credit card 311
Name: Payment, dtype: int64
<pre> : yangon = marketsalesdata.loc[marketsalesdata['City']=='Yangon'] yangon</pre>
] : Invoice Branch City Customer Gender Product Unit Quantity Tax 5% Total Date ID Branch City type Gender line price
0 750-67-8428 A Yangon Member Female beauty Health and beauty 74.69 7 26.1415 548.9715 1/5/2019
2 631-41- 3108 A Yangon Normal Male Home and lifestyle 46.33 7 16.2155 340.5255 3/3/2019
3 123-19- 1176 A Yangon Member Male Health and beauty 58.22 8 23.2880 489.0480 1/27/2019
372 72
4 373-73- 7910 A Yangon Normal Male Sports and travel 86.31 7 30.2085 634.3785 2/8/2019 6 355-53- A Yangon Member Female Electronic 68.84 6 20.6520 433.6920 2/25/2019
7910 A langon Normal Male travel 60.51 / 50.2065 634.5765 2/6/2019
7910 A Yangon Member Female Electronic accessories 6 355-53-5943 A Yangon Member Female Electronic accessories 6 88.84 6 20.6520 433.6920 2/25/2019

Home and lifestyle 2442 849-09-Member Female Fashion accessories 88.34 7 30.9190 649.2990 2/18/2019 13:28 A Yangon 3807 340 rows \times 17 columns In [12]: marketsalesdata['Gender'].unique() female_fashion= pd.crosstab(marketsalesdata['Gender'], marketsalesdata['Product line']=='Fashion acc essories')

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Female 405 96 Male 417 82 In [14]:

Product line False True

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female_fashion

Gender

Product line False

Gender

Out[12]:

Out[14]:

A Yangon

Normal

marketsalesdata['Gender'].unique() male_health= pd.crosstab(marketsalesdata['Gender'], marketsalesdata['Product line'] == 'Health and Bea uty') male_health

Female 501 Male 499