```
 1 C:\Users\Zingy\PycharmProjects\pythonProject\venv\
   Scripts\python.exe C:/Users/Zingy/PycharmProjects/
   pythonProject/as.py
 2    InvoiceNo StockCode  ... CustomerID        Country
 3 0    536365    85123A  ...    17850.0  United Kingdom
 4 1    536365     71053  ...    17850.0  United Kingdom
 5 2    536365    84406B  ...    17850.0  United Kingdom
 6 3    536365    84029G  ...    17850.0  United Kingdom
 7 4    536365    84029E  ...    17850.0  United Kingdom
 8
 9 [5 rows x 8 columns]
10 Index(['InvoiceNo', 'StockCode', 'Description', '
   Quantity', 'InvoiceDate',
11         'UnitPrice', 'CustomerID', 'Country'],
12       dtype='object')
13 ['United Kingdom' 'France' 'Australia' 'Netherlands
   ' 'Germany' 'Norway'
14  'EIRE' 'Switzerland' 'Spain' 'Poland' 'Portugal' '
   Italy' 'Belgium'
15  'Lithuania' 'Japan' 'Iceland' 'Channel Islands' '
   Denmark' 'Cyprus'
16  'Sweden' 'Austria' 'Israel' 'Finland' 'Bahrain' '
   Greece' 'Hong Kong'
17  'Singapore' 'Lebanon' 'United Arab Emirates' 'Saudi
   Arabia'
18  'Czech Republic' 'Canada' 'Unspecified' 'Brazil' '
   USA'
19  'European Community' 'Malta' 'RSA']
20 Description  *Boombox Ipod Classic  ...  wrongly sold
    sets
21 InvoiceNo
                                     ...
22 536365                            0.0
      ...                0.0
23 536366                            0.0
      ...                0.0
24 536367                            0.0
      ...                0.0
25 536368                            0.0
      ...                0.0
26 536369                            0.0
```

```
26    ...                        0.0
27 ...                                  ...  ...
      ...
28 581585                        0.0
      ...                 0.0
29 581586                        0.0
      ...                 0.0
30 A563185                       0.0
      ...                 0.0
31 A563186                       0.0
      ...                 0.0
32 A563187                       0.0
      ...                 0.0
33
34 [18667 rows x 4175 columns]
35     support                        itemsets
36 0  0.073445      (ASSORTED COLOUR BIRD ORNAMENT)
37 1  0.103820         (JUMBO BAG RED RETROSPOT)
38 2  0.074570         (LUNCH BAG RED RETROSPOT)
39 3  0.085391               (PARTY BUNTING)
40 4  0.090266        (REGENCY CAKESTAND 3 TIER)
41 5  0.116034  (WHITE HANGING HEART T-LIGHT HOLDER)
42 Empty DataFrame
43 Columns: [antecedents, consequents, antecedent
   support, consequent support, support, confidence,
   lift, leverage, conviction]
44 Index: []
45 Empty DataFrame
46 Columns: [antecedents, consequents, antecedent
   support, consequent support, support, confidence,
   lift, leverage, conviction]
47 Index: []
48 5631.0
49 6656.0
50
51 Process finished with exit code 0
52
```