```
1  *--------------------------------------------------------------
   -*
2  User:                u59406283
3  Date:                11 April 2022
4  Time:                20:42:09
5  *--------------------------------------------------------------
   -*
6  * Training Output
7  *--------------------------------------------------------------
   -*
8
9
10
11
12  Variable Summary
13
14              Measurement     Frequency
15  Role           Level          Count
16
17  ID          INTERVAL            1
18  SEQUENCE    INTERVAL            1
19  TARGET      NOMINAL             1
20
21
22
23
24  Association Report
25
26                Expected
27              Confidence    Confidence     Support
      Transaction
28  Relations      (%)          (%)           (%)        Lift
         Count        Rule
                        Left Hand of Rule
29
30      4         18.13        39.53         4.67       2.18
```

		34.00	white wine & bottled beer ==> sausage & salty snack		
			white wine & bottled beer		
31	4	11.81	25.76	4.67	2.18
		34.00	sausage & salty snack ==> white wine & bottled beer		
			sausage & salty snack		
32	4	10.44	22.42	5.08	2.15
		37.00	onions & citrus fruit ==> sliced cheese & chicken		
			onions & citrus fruit		
33	4	22.66	48.68	5.08	2.15
		37.00	sliced cheese & chicken ==> onions & citrus fruit		
			sliced cheese & chicken		
34	4	16.76	33.96	4.95	2.03
		36.00	specialty chocolate & margarine ==> newspapers & frozen meals		
			specialty chocolate & margarine		
35	4	14.56	29.51	4.95	2.03
		36.00	newspapers & frozen meals ==> specialty chocolate & margarine		
			newspapers & frozen meals		
36	4	12.77	25.79	5.63	2.02
		41.00	pork & chicken ==> grapes & frankfurter		
			pork & chicken		
37	4	21.84	44.09	5.63	2.02
		41.00	grapes & frankfurter ==> pork & chicken		
			grapes & frankfurter		
38	4	20.05	39.53	4.67	1.97
		34.00	white wine & bottled beer ==> salty snack & pip fruit		
			white wine & bottled beer		
39	4	11.81	23.29	4.67	1.97
		34.00	salty snack & pip fruit ==> white wine & bottled beer		
			salty snack & pip fruit		
40	4	18.13	35.58	5.08	1.96
		37.00	white wine & pip fruit ==> sausage & salty snack		
			white wine & pip fruit		
41	4	14.29	28.03	5.08	1.96
		37.00	sausage & salty snack ==> white wine & pip fruit		
			sausage & salty snack		
42	4	27.06	52.17	4.95	1.93

```
        36.00         specialty chocolate & frozen meals ==> news
   papers & margarine         specialty chocolate & frozen meal
   s
43       4         9.48         18.27         4.95         1.93
        36.00         newspapers & margarine ==> specialty chocol
   ate & frozen meals         newspapers & margarine
44       4         15.52         29.84         5.08         1.92
        37.00         sausage & grapes ==> chicken & berries
                              sausage & grapes
45       4         17.03         32.74         5.08         1.92
        37.00         chicken & berries ==> sausage & grapes
                              chicken & berries
46       4         14.42         27.56         4.81         1.91
        35.00         semi-finished bread ==> rolls/buns & pork &
    napkins                 semi-finished bread
47       4         17.45         33.33         4.81         1.91
        35.00         rolls/buns & pork & napkins ==> semi-finish
   ed bread                 rolls/buns & pork & napkins
48       4         19.37         37.00         5.08         1.91
        37.00         waffles & pork ==> sausage & butter milk
                              waffles & pork
49       4         13.74         26.24         5.08         1.91
        37.00         sausage & butter milk ==> waffles & pork
                              sausage & butter milk
50       4         9.48         18.09         4.95         1.91
        36.00         specialty chocolate ==> newspapers & margar
   ine & frozen meals         specialty chocolate
51       4         27.34         52.17         4.95         1.91
        36.00         newspapers & margarine & frozen meals ==> s
   pecialty chocolate         newspapers & margarine & frozen m
   eals
52       4         7.83         14.85         4.67         1.90
        34.00         salty snack ==> white wine & pastry & bottl
   ed beer                 salty snack
53       4         31.46         59.65         4.67         1.90
        34.00         white wine & pastry & bottled beer ==> salt
```

```
    y snack                        white wine & pastry & bottled bee
    r
54      4            19.09          36.17          4.67           1.89
        34.00       root vegetables & domestic eggs & butter mi
    lk ==> processed cheese    root vegetables & domestic eggs &
     butter milk
55
56
57
```

	Right Hand of Rule	Rule Item 1	Rule Item 2	Rule Item 3	Rule Item 4	Rule Item 5	Rule Index
59							
60	sausage & salty snack	white wine	bottled beer	======================>	sausage	salty snack	1
61	white wine & bottled beer	sausage	salty snack	======================>	white wine	bottled beer	2
62	sliced cheese & chicken	onions	citrus fruit	======================>	sliced cheese	chicken	3
63	onions & citrus fruit	chicken	======================>	onions	citrus fruit	4
64	newspapers & frozen meals	specialty chocolate	margarine	======================>	newspapers	frozen meals	5
65	specialty chocolate & margarine	newspapers	frozen meals	======================>	specialty chocolate	margarine	6
66	grapes & frankfurter	pork	chicken	======================>	grapes	frankfurter	7

```
67  pork & chicken                        grapes
        frankfurter                ========================>
      pork                    chicken                    8
68  salty snack & pip fruit              white wine
        bottled beer               ========================>
      salty snack             pip fruit                  9
69  white wine & bottled beer            salty snack
        pip fruit                  ========================>
      white wine              bottled beer               10
70  sausage & salty snack                white wine
        pip fruit                  ========================>
      sausage                 salty snack                11
71  white wine & pip fruit               sausage
        salty snack                ========================>
      white wine              pip fruit                  12
72  newspapers & margarine               specialty chocolate
        frozen meals               ========================>
      newspapers              margarine                  13
73  specialty chocolate & frozen meals   newspapers
        margarine                  ========================>
      specialty chocolate     frozen meals               14
74  chicken & berries                    sausage
        grapes                     ========================>
      chicken                 berries                    15
75  sausage & grapes                     chicken
        berries                    ========================>
      sausage                 grapes                     16
76  rolls/buns & pork & napkins          semi-finished bread
        ========================>    rolls/buns
      pork                    napkins                    17
77  semi-finished bread                  rolls/buns
        pork                       napkins
        ========================>  semi-finished bread    18
78  sausage & butter milk                waffles
        pork                       ========================>
      sausage                 butter milk                19
```

```
79 waffles & pork                      sausage
      butter milk                 =======================>
    waffles                       pork                      20
80 newspapers & margarine & frozen meals    specialty chocolate
      =======================>    newspapers
    margarine                     frozen meals              21
81 specialty chocolate                newspapers
      margarine                   frozen meals
      =======================>    specialty chocolate       22
82 white wine & pastry & bottled beer       salty snack
      =======================>    white wine
    pastry                        bottled beer              23
83 salty snack                          white wine
      pastry                      bottled beer
      =======================>    salty snack               24
84 processed cheese                     root vegetables
      domestic eggs               butter milk
      =======================>    processed cheese          25
85
86
87
88
89 Rule Statistics
90
91 The MEANS Procedure
92
93 Variable     Label                      Minimum          M
   aximum          Mean
94 ------------------------------------------------------------
   ----------------------
95 EXP_CONF     Expected Confidence(%)     6.4560440        41.8
   956044      17.9848901
96 CONF         Confidence(%)              11.4754098       74.4
   680851      32.8569003
97 SUPPORT      Support(%)                 4.6703297        7.4
   175824       5.1442308
```

```
 98 LIFT          Lift                               1.7669903        2.1
    804087          1.8294701
 99 ----------------------------------------------------------------
    --------------------
100
101
102
103 Sequence Report
104
105 The FREQ Procedure
106
107                              Relations
108
109                                        Cumulative    Cumulativ
    e
110 SET_SIZE      Frequency      Percent     Frequency      Percent
111 ----------------------------------------------------------------
    -
112          4           200       100.00           200       100.00
113
114
115 *---------------------------------------------------------------
    -*
116 * Score Output
117 *---------------------------------------------------------------
    -*
118
119
120 *---------------------------------------------------------------
    -*
121 * Report Output
122 *---------------------------------------------------------------
    -*
```