- 3. Lakukan clasifikasi dengan menggunakan Algoritam Association Rules dalam soal No. 3 dan hitunglah apabila:
 - a. min_support=0.2, min_confidence=0.2, min_lift=0.2, min_lenght=2
 - b. Berapa association rules yang dapat terbentuk dari soal 3a. tersebut?
 - c. Lakukan export data ke dalam excel terhadap hasil tersebut dan lakukan analisanya! Jawaban :

a.

In [1]:

import numpy as np
import pandas as pd
from apyori import apriori

In [2]:

dataset = pd.read_excel('D:/UAS Data Mining/dataset_soal No. 3.xls')

In [3]:

dataset.head()

Out[3]:

	Item1	Item2	Item3	Item4	Item5	Item6	Item7	Item8	Item9	Item10
0	burgers	meatballs	eaas	low fat yogurt	NaN	mineral water	ısaımon	low fat yogurt	NaN	mineral water
1	cnutnev	low fat yogurt	NaN	wheat		mineral water	salmon	Wheat		mineral water
2	turkey	lwheat	french fries	SOUD	light cream	shallot	NaN	SOUD	light cream	shallot
	mineral water	ISOUD	-	frozen vegetables		green tea	NaN	frozen vegetables	spaghetti	green tea
		frozen vegetables	spaghetti	french fries	eggs	chocolate	frozen smoothie	french fries	eggs	chocolate

In [4]:

dataset.tail()

Out[4]:

	Item1	Item2	Item3	Item4	Item5	Item6	Item7	Item8	Item9	Item10
2049	burgers	eggs	french	fresh tuna	ISDAODEIII		clothes	turkey	פחחפ	french
	ourgere	-99-	fries		op a.gou	oil	accessories		-99-	fries
2050	burgers	aaac	frozen smoothie	french wine	eggs	french fries	energy drink	french fries	NaN	chocolate
	whole wheat pasta	cake	melons	champagne	pancakes	light mayo	soup	chocolate	lmilk	herb & pepper
	grouna	tomato sauce	spaghetti	red wine	INONAV	hot dogs	lturkev	herb &	lwneat	mineral water

0050	Item2	1	Item	14 Item5	Item6		Item7	+	3 Item9	9	ltem1
2053 burgers e	eggs	frozen smoothie	milk	bacon	eggs	french	fries	mineral water	avocado	coc	kies
										In	[5]
dataset.shape)										
										Ou	t[5]
(2054, 10)										In	[18]
records = []											
for i in rang	ge(0,	2054):									
records.a	append	([str(dat	taset.valı	ues[i,j])	for j	in ra	inge (0	, 10)])			
										In	[19]
association_r , min length=		= apriori	i(records	, min_supp	port=0	.2, mi	n_con	fidence=	0.2, min_	_lif	t=0.2
association_r		s = list	(associat	ion_rules)						
										In	[21]
print(len(ass	sociat	ion_resul	Lts))								
61											
										In	[22]
print(associa	ation_	results[(0])								
RelationRecor tics=[Ordered dence=0.31450	dStati	stic(item	ns_base=f:	rozenset ()							
										In	[25]
results = []											
for item in a	associ	ation_res	sults:								
pair = it	em[0]										
items = [[x for	x in pai	ir]								
value0 =	str(i	tems[0])									
value1 =											
value2 =			: 6]								
value3 =											
value4 =											

results.append(rows)

```
label = ['title1', 'title2', 'support', 'confidence', 'lift']
   store suggestion = pd.DataFrame.from records(results,columns=label)
   print(store suggestion)
   title1
          title2 support confidence lift
0 avocado avocado 0.3145 0.3145 1.0
   title1
          title2 support confidence lift
 avocado avocado 0.3145
burgers burgers 0.2429
                          0.3145 1.0
0.2429 1.0
    title1 title2 support confidence lift
              avocado 0.3145
                               0.3145 1.0
    avocado
                                0.2429 1.0
1
   burgers burgers 0.2429
2 chocolate chocolate 0.4756
                               0.4756 1.0
              title1
                                 title2 support confidence lift
Ω
             avocado
                                avocado 0.3145 0.3145 1.0
1
                               burgers 0.2429
                                                  0.2429 1.0
             burgers
2
                              chocolate 0.4756
                                                  0.4756 1.0
           chocolate
3 clothes accessories clothes accessories 0.3398
                                                   0.3398 1.0
             title1
                                title2 support confidence lift
0
             avocado
                                 avocado 0.3145 0.3145 1.0
1
                                burgers 0.2429
                                                   0.2429
             burgers
                              chocolate 0.4756
                                                   0.4756 1.0
2
           chocolate
  clothes accessories clothes accessories 0.3398
                                                   0.3398 1.0
3
                               cookies 0.3588
                                                   0.3588 1.0
             cookies
              title1
                                 title2 support confidence lift
                               avocado 0.3145 0.3145 1.0
0
             avocado
1
             burgers
                               burgers 0.2429
                                                  0.2429 1.0
                              chocolate 0.4756
           chocolate
                                                 0.4756 1.0
 clothes accessories clothes accessories 0.3398
                                                  0.3398 1.0
                                                0.3588 1.0
0.4099 1.0
                               cookies 0.3588
4
             cookies
5
                                  eggs 0.4099
                eggs
              title1
                                 title2 support confidence lift
0
                                avocado 0.3145 0.3145 1.0
             avocado
1
             burgers
                                burgers 0.2429
                                                   0.2429 1.0
  chocolate chocolate 0.4756 clothes accessories clothes accessories 0.3398
                                                   0.4756 1.0
                                                   0.3398 1.0
                                cookies 0.3588
                                                   0.3588 1.0
             cookies
5
                                   eggs 0.4099
                                                  0.4099 1.0
                eggs
                                                0.3213 1.0
6
         energy drink
                          energy drink 0.3213
                                 title2 support confidence lift
              title1
                                avocado 0.3145 0.3145 1.0
             avocado
                                burgers 0.2429
1
             burgers
                                                   0.2429 1.0
           chocolate
                             chocolate 0.4756
                                                  0.4756 1.0
3
  clothes accessories clothes accessories 0.3398
                                                  0.3398 1.0
                               cookies 0.3588
4
             cookies
                                                  0.3588 1.0
5
                                  eggs 0.4099
                                                   0.4099 1.0
                eggs
                                                 0.3213 1.0
6
         energy drink
                           energy drink 0.3213
7
         french fries
                            french fries 0.6548
                                                   0.6548 1.0
              title1
                                 title2 support confidence lift
0
             avocado
                                 avocado 0.3145
                                                 0.3145 1.0
1
                                burgers 0.2429
                                                   0.2429
                                                          1.0
             burgers
                              chocolate 0.4756
                                                   0.4756 1.0
2
           chocolate
```

clothes accessories clothes accessories 0.3398

energy drink energy drink 0.3213

cookies

eggs

5

cookies 0.3588

eggs 0.4099

0.3398 1.0

0.3588 1.0

0.4099 1.0

0.3213 1.0

```
french fries french fries 0.6548 0.6548 1.0
herb & pepper herb & pepper 0.3042 0.3042 1.0
               title1
                                  title2 support confidence lift
                                   avocado 0.3145 0.3145 1.0
0
              avocado
                                                     0.2429 1.0
                                   burgers 0.2429
              burgers
1
            chocolate
                          chocolate 0.4756
                                                     0.4756 1.0
2
                                                     0.3398 1.0
3
  clothes accessories clothes accessories 0.3398
             cookies cookies 0.3588
                                                        0.3588
5
                                      eggs 0.4099
                                                        0.4099
                 eggs
                             energy drink 0.3213 french fries 0.6548
6
         energy drink
                                                        0.3213
                                                                1.0
                                                       0.6548 1.0
7
         french fries
                                                     0.3042 1.0
0.4079 1.0
                            herb & pepper 0.3042
8
         herb & pepper
9
                 milk
                                      milk 0.4079
                                     title2 support confidence lift
                title1
Ω
               avocado
                                    avocado 0.3145 0.3145 1.0
                                   burgers 0.2429
                                                        0.2429 1.0
1
               burgers
            chocolate
2
                                  chocolate 0.4756
                                                        0.4756 1.0
    clothes accessories clothes accessories 0.3398
                                                        0.3398 1.0
3
       cookies cookies 0.3588 0.3588 1.0
4
5
                                    eggs 0.4099 0.4099 1.0
                  eggs
         energy drink energy drink 0.3213 0.3213 1.0 french fries french fries 0.6548 0.6548 1.0 herb & pepper herb & pepper 0.3042 0.3042 1.0 milk mineral water mineral water 0.4527 0.4527 1.0
6
7
8
9
         mineral water
title1
10
                               title2 support confidence lift
                                     avocado 0.3145 0.3145 1.0
Ω
                avocado
                                    burgers 0.2429
                                                        0.2429 1.0
1
               burgers
                                  chocolate 0.4756
                                                        0.4756 1.0
2
             chocolate
3
   clothes accessories clothes accessories 0.3398
                                                        0.3398 1.0
         eggs eggs 0.4099 0.4099 1.0
energy drink energy drink 0.3213 0.3213 1.0
french fries french fries 0.6548 0.6548 1.0
herb & pepper herb & pepper 0.3042 0.3042 1.0
milk milk 0.4079 0.4079
               cookies
4
                                   cookies 0.3588 0.3588 1.0
5
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7
8
9
         mineral water
                             mineral water 0.4527 0.4527 1.0 nan 0.6285 0.6285 1.0
10
11
                   nan
                title1
                                     title2 support confidence lift
                                    avocado 0.3145 0.3145 1.0
0
                avocado
                                    burgers 0.2429
                                                         0.2429 1.0
            purgers
chocolate
1
                                  chocolate 0.4756
2
                                                        0.4756 1.0
  clothes accessories clothes accessories 0.3398
3
                                                        0.3398 1.0
                                                        0.3588 1.0
4
             cookies cookies 0.3588
5
                                      eggs 0.4099
                                                      0.4099 1.0
                  eggs
6
          energy drink
                              energy drink 0.3213 0.3213 1.0
         french fries
herb & pepper
7
                               french fries 0.6548 0.6548 1.0
8
                             herb & pepper 0.3042
                                                        0.3042 1.0
9
             milk
                               milk 0.4079 0.4079 1.0
10
         mineral water
                             mineral water 0.4527
                                                        0.4527 1.0
                                                      0.6285 1.0
0.2151 1.0
                                        nan 0.6285
11
                   nan
                                      shrimp 0.2151
12
                shrimp
                title1
                                     title2 support confidence lift
                                     avocado 0.3145 0.3145 1.0
0
                avocado
                                    burgers 0.2429
                                                         0.2429 1.0
1
               burgers
                                  chocolate 0.4756
                                                        0.4756 1.0
2
             chocolate
   clothes accessories clothes accessories 0.3398
                                                        0.3398 1.0
3
               cookies
                                    cookies 0.3588
                                                      0.3588 1.0
                                       eggs 0.4099 0.4099 1.0
5
                  eaas
         energy drink french fries 0.6548 0.6548 1.0
herb & pepper herb & pepper 0.3042 0.3042 1.0
milk 0.4079 0.4079 1.0
6
7
8
```

10	mineral water	mineral water	0.4527	0.4527	1.0
11	nan	nan	0.6285	0.6285	1.0
12	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey	0.5272	0.5272	1.0
	title1			confidence	
0	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers	0.2429	0.2429	1.0
2	chocolate	chocolate	0.4756	0.4756	1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
4	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
11	nan	nan	0.6285	0.6285	1.0
12	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
_ I	title1	-		confidence	
1					
0	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers	0.2429	0.2429	1.0
2	chocolate	chocolate		0.4756	1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
1	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
5	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
3	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	milk	0.4079	0.4079	1.0
. 0	mineral water	mineral water	0.4527	0.4527	1.0
. 1	nan	nan	0.6285	0.6285	1.0
L2	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
	title1			confidence	
)	avocado	avocado	0.3145	0.3145	1.0
_			0.2429		1.0
	burgers	burgers		0.2429	
2	chocolate	chocolate	0.4756	0.4756	1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
1	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
5	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
3	herb & pepper	herb & pepper	0.3042	0.3042	1.0
,	milk	melb w pepper milk	0.4079	0.4079	
LO	mineral water	mineral water	0.4527	0.4527	1.0
. 1	nan	nan	0.6285	0.6285	1.0
.2	shrimp	shrimp	0.2151	0.2151	1.0
.3	turkey	turkey	0.5272	0.5272	1.0
4	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
.5	avocado	avocado	0.2030	0.2030	1.0
.6	mineral water	mineral water	0.3037	0.3037	1.0
	title1			confidence	
`					
)	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers		0.2429	1.0
2	chocolate	chocolate	0.4756	0.4756	1.0
	clothes accessories	clothes accessories	0.3398	0.3398	1.0
3		cookies	0.3588	0.3588	1.0
	cookies	COOKIES			
3	cookies eggs	eggs	0.4099	0.4099	1.0

7	formal foring	formal fuire	0 (540	0 (540	1
7 8	french fries herb & pepper	french fries herb & pepper	0.6548	0.6548 0.3042	1. 1.
9	milk	milk	0.4079	0.4079	1.
10	mineral water	mineral water	0.4527	0.4527	1.
11	nan	nan	0.6285	0.6285	1.
12	shrimp	shrimp	0.2151	0.2151	1.
13	turkey	turkey	0.5272	0.5272	1.
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.
15	avocado	avocado	0.2030	0.2030	1.
16	mineral water	mineral water	0.3037	0.3037	1.
17	avocado	avocado	0.2921	0.2921	1.
	title1	title2	support	confidence	lif
0	avocado	avocado	0.3145	0.3145	1.
1	burgers	burgers	0.2429	0.2429	1.
2	chocolate	chocolate	0.4756	0.4756	1.
3	clothes accessories	clothes accessories	0.3398	0.3398	1.
4	cookies	cookies	0.3588	0.3588	1.
5	eggs	eggs	0.4099	0.4099	1.
6	energy drink	energy drink	0.3213	0.3213	1.
7	french fries	french fries	0.6548	0.6548	1.
8	herb & pepper	herb & pepper	0.3042	0.3042	1.
9	milk	milk	0.4079	0.4079	1.
10	mineral water	mineral water	0.4527	0.4527	1.
11	nan	nan	0.6285	0.6285	1.
12	shrimp	shrimp	0.2151	0.2151	1.
13	turkey	turkey	0.5272	0.5272	1.
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.
15	avocado	avocado	0.2030	0.2030	1.
16	mineral water	mineral water	0.3037	0.3037	1.
17	avocado	avocado	0.2921	0.2921	1.
18	chocolate	chocolate	0.2521	0.2521	1.
n	title1		0.3145	confidence 0.3145	1.
0 1	avocado	avocado	0.2429	0.3143	1.
2	burgers chocolate	burgers chocolate	0.4756	0.2429	1.
3	clothes accessories	clothes accessories	0.4730	0.3398	1.
4	cookies	cookies	0.3588	0.3588	1.
5	eggs	eggs	0.4099	0.4099	1.
6	energy drink	energy drink	0.3213	0.3213	1.
7	french fries	french fries	0.6548	0.6548	1.
8	herb & pepper	herb & pepper	0.3042	0.3042	1.
9	milk	milk	0.4079	0.4079	1.
10	mineral water	mineral water	0.4527	0.4527	1.
11	nan	nan	0.6285	0.6285	1.
12	shrimp	shrimp	0.2151	0.2151	1.
13	turkey	turkey		0.5272	1.
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.
15	avocado	avocado	0.2030	0.2030	1.
16	mineral water	mineral water	0.3037	0.3037	1.
17	avocado	avocado	0.2921	0.2921	1.
18	chocolate	chocolate	0.2521	0.2521	1.
19	chocolate	chocolate	0.3042	0.3042	1.
	title1	title2	support	confidence	lif
0	avocado	avocado	0.3145	0.3145	1.
1	burgers	burgers	0.2429	0.2429	1.
2	chocolate	chocolate	0.4756	0.4756	1.
3	clothes accessories	clothes accessories	0.3398	0.3398	1.
4	cookies	cookies	0.3588	0.3588	1.
_	eggs	eggs	0.4099	0.4099	1.
5	energy drink	energy drink	0.3213	0.3213	1.
6				0 6540	1.
6 7	french fries	french fries	0.6548	0.6548	
5 6 7 8 9		french fries herb & pepper milk	0.6548 0.3042 0.4079	0.6548 0.3042 0.4079	1. 1.

10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	_	_		
	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
20				
_	title1			confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan			
		nan	0.6285	
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
			0.2711 0.3763	0.2711 1.0 0.3763 1.0
20	chocolate	chocolate	0.2711 0.3763	0.2711 1.0
20	chocolate chocolate	chocolate chocolate	0.2711 0.3763	0.2711 1.0 0.3763 1.0
20 21	chocolate chocolate title1 avocado	chocolate chocolate title2 avocado	0.2711 0.3763 support 0.3145	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0
20 21 0 1	chocolate chocolate title1 avocado burgers	chocolate chocolate title2 avocado burgers	0.2711 0.3763 support 0.3145 0.2429	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0
20 21 0 1 2	chocolate chocolate title1 avocado burgers chocolate	chocolate chocolate title2 avocado burgers chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0
20 21 0 1 2 3	chocolate chocolate title1 avocado burgers chocolate clothes accessories	chocolate chocolate title2 avocado burgers chocolate clothes accessories	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0
20 21 0 1 2 3 4	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0
20 21 0 1 2 3 4 5	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0
20 21 0 1 2 3 4	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0
20 21 0 1 2 3 4 5	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0
20 21 0 1 2 3 4 5 6	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0
20 21 0 1 2 3 4 5 6 7	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0
20 21 0 1 2 3 4 5 6 7 8 9	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.2711 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.2711 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.3037 1.0 0.2921 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories title1	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 support	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 confidence lift
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 0	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 support 0.3145	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 confidence lift 0.3145 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 0 1	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 support 0.3145 0.2429	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 confidence lift 0.3145 1.0 0.2429 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 0 0 11 22 0 0 0 0 0 0 0 0 0 0	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate clothes accessories title1 avocado burgers chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 support 0.3145 0.2429 0.4756	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.3037 1.0 0.2921 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.2429 1.0
20 21 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 0 1	chocolate chocolate title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	chocolate chocolate title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2711 0.3763 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 support 0.3145 0.2429	0.2711 1.0 0.3763 1.0 confidence lift 0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.3042 1.0 0.3042 1.0 0.3042 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 confidence lift 0.3145 1.0 0.2429 1.0

4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
	title1	title2	1 1	confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
	title1			confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6 7	energy drink	energy drink	0.3213	0.3213 1.0
	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14 15	whole wheat pasta	whole wheat pasta avocado	0.2653	0.2653 1.0 0.2030 1.0
TO	avocado	avocado	0.2030	0.2030 1.0

16	mineral water	mineral water	0.3037	0.3037	1.0
17	avocado	avocado	0.2921	0.2921	1.0
18	chocolate	chocolate	0.2521	0.2521	1.0
19	chocolate	chocolate	0.3042	0.3042	1.0
20	chocolate	chocolate	0.2711	0.2711	1.0
21	chocolate	chocolate	0.3763	0.3763	1.0
22	clothes accessories	clothes accessories	0.2512	0.2512	1.0
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0
24			0.3237	0.3237	1.0
	clothes accessories	clothes accessories			
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0
	title1				lift
0	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers	0.2429	0.2429	1.0
2	chocolate	chocolate	0.4756	0.4756	1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
4	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
11	nan	nan	0.6285	0.6285	1.0
12		shrimp	0.0203		1.0
	shrimp	<u> </u>		0.2151	
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
16	mineral water	mineral water	0.3037	0.3037	1.0
17	avocado	avocado	0.2921	0.2921	1.0
18	chocolate	chocolate	0.2521	0.2521	1.0
19	chocolate	chocolate	0.3042	0.3042	1.0
20	chocolate	chocolate	0.2711	0.2711	1.0
21	chocolate	chocolate	0.3763	0.3763	1.0
22	clothes accessories	clothes accessories	0.2512	0.2512	1.0
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0
26	french fries	french fries	0.3213	0.3213	1.0
	title1				lift
0	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers	0.2429	0.2429	1.0
2	chocolate	chocolate	0.4756	0.4756	1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
4	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
11	nan	nan	0.6285	0.6285	1.0
12	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
16	mineral water	mineral water	0.3037	0.3037	1.0
17	avocado	avocado	0.2921	0.2921	1.0
18	chocolate	chocolate	0.2521	0.2521	1.0
19	chocolate	chocolate	0.3042	0.3042	1.0
20	chocolate	chocolate	0.3042	0.3042	1.0
21	chocolate	chocolate	0.3763	0.3763	1.0
22 23	clothes accessories	clothes accessories	0.2512	0.2512	1.0
	clothes accessories	clothes accessories	0.3237	0.3237	1.0

24						
	clothes accessories	clothes accessories	0.2108	0.2108	1.0	
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0	
26	french fries	french fries	0.3213	0.3213	1.0	
27	mineral water	mineral water	0.2005	0.2005	1.0	
_ ,	title1			confidence		
0						
0	avocado	avocado	0.3145	0.3145	1.0	
1	burgers	burgers	0.2429	0.2429	1.0	
2	chocolate	chocolate	0.4756	0.4756	1.0	
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0	
4	cookies	cookies	0.3588	0.3588	1.0	
5	eggs	eggs	0.4099	0.4099	1.0	
6	energy drink	energy drink	0.3213	0.3213	1.0	
7	french fries	french fries	0.6548	0.6548	1.0	
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0	
9	milk	melb w pepper milk	0.4079	0.4079		
10	mineral water	mineral water	0.4527	0.4527	1.0	
11	nan	nan	0.6285	0.6285	1.0	
12	shrimp	shrimp	0.2151	0.2151	1.0	
13	turkey	turkey	0.5272	0.5272	1.0	
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0	
15	avocado	avocado	0.2030	0.2030	1.0	
16	mineral water	mineral water	0.3037	0.3037	1.0	
17	avocado	avocado	0.2921	0.2921	1.0	
18	chocolate	chocolate	0.2521	0.2521	1.0	
19	chocolate	chocolate	0.3042	0.3042	1.0	
		chocolate	0.3042			
20	chocolate			0.2711	1.0	
21	chocolate	chocolate	0.3763	0.3763	1.0	
22		clothes accessories	0.2512	0.2512	1.0	
23	clothes accessories	clothes accessories	0.3237	0.3237		
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0	
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0	
26	french fries	french fries	0.3213	0.3213	1.0	
27	mineral water	mineral water	0.2005	0.2005	1.0	
28	nan	nan	0.2429	0.2429	1.0	
20	title1			confidence		
0	avocado	avocado	0.3145	0.3145	1.0	
		avocado	0.3143	0.3143	1.0	
1		1	0 0 1 0 0	0 0 1 0 0	1 0	
_	burgers	burgers	0.2429	0.2429	1.0	
2	chocolate	chocolate	0.4756	0.4756	1.0	
3	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398	0.4756 0.3398	1.0 1.0	
3 4	chocolate	chocolate	0.4756	0.4756	1.0	
3	chocolate clothes accessories cookies eggs	chocolate clothes accessories	0.4756 0.3398	0.4756 0.3398	1.0 1.0 1.0	
3 4	chocolate clothes accessories cookies eggs	chocolate clothes accessories cookies eggs	0.4756 0.3398 0.3588 0.4099	0.4756 0.3398 0.3588	1.0 1.0 1.0	
3 4 5	chocolate clothes accessories cookies	chocolate clothes accessories cookies eggs energy drink	0.4756 0.3398 0.3588	0.4756 0.3398 0.3588 0.4099 0.3213	1.0 1.0 1.0	
3 4 5 6 7	chocolate clothes accessories cookies eggs energy drink french fries	chocolate clothes accessories cookies eggs energy drink french fries	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042	1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079	1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13	chocolate clothes accessories	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15	chocolate clothes accessories	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	chocolate clothes accessories	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	chocolate clothes accessories	chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2711 0.3763 0.2512 0.3237 0.2108	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3763 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3763 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	chocolate clothes accessories	chocolate clothes accessories	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3763 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	

28	nan	nan	0.2429	0.2429	1.0
29	eggs	eggs	0.3617	0.3617	1.0
	title1	title2	support	confidence	
0	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers	0.2429	0.2429	1.0
2	chocolate	chocolate	0.4756	0.4756	1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
4	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	merb & pepper milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
				0.4327	
11	nan	nan	0.6285		1.0
12	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
16	mineral water	mineral water	0.3037	0.3037	1.0
17	avocado	avocado	0.2921	0.2921	1.0
18	chocolate	chocolate	0.2521	0.2521	1.0
19	chocolate	chocolate	0.3042	0.3042	1.0
20	chocolate	chocolate	0.2711	0.2711	1.0
21	chocolate	chocolate	0.3763	0.3763	1.0
22	clothes accessories	clothes accessories	0.2512	0.2512	1.0
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0
	french fries				
26		french fries	0.3213	0.3213	1.0
27	mineral water	mineral water	0.2005	0.2005	1.0
28	nan	nan	0.2429	0.2429	1.0
29	eggs	eggs	0.3617	0.3617	1.0
29 30	eggs	eggs	0.2059	0.2059	1.0
30	eggs title1	eggs title2	0.2059 support	0.2059 confidence	1.0 lift
30	eggs title1 avocado	eggs title2 avocado	0.2059 support 0.3145	0.2059 confidence 0.3145	1.0 lift 1.0
30 0 1	eggs title1 avocado burgers	eggs title2 avocado burgers	0.2059 support 0.3145 0.2429	0.2059 confidence 0.3145 0.2429	1.0 lift 1.0 1.0
30 0 1 2	eggs title1 avocado burgers chocolate	eggs title2 avocado burgers chocolate	0.2059 support 0.3145 0.2429 0.4756	0.2059 confidence 0.3145 0.2429 0.4756	1.0 lift 1.0
30 0 1 2 3	eggs title1 avocado burgers chocolate clothes accessories	eggs title2 avocado burgers chocolate clothes accessories	0.2059 support 0.3145 0.2429 0.4756 0.3398	0.2059 confidence 0.3145 0.2429 0.4756 0.3398	1.0 lift 1.0 1.0 1.0
30 0 1 2 3 4	eggs title1 avocado burgers chocolate	eggs title2 avocado burgers chocolate	0.2059 support 0.3145 0.2429 0.4756	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588	1.0 lift 1.0 1.0
30 0 1 2 3	eggs title1 avocado burgers chocolate clothes accessories cookies eggs	eggs title2 avocado burgers chocolate clothes accessories cookies eggs	0.2059 support 0.3145 0.2429 0.4756 0.3398	0.2059 confidence 0.3145 0.2429 0.4756 0.3398	1.0 lift 1.0 1.0 1.0
30 0 1 2 3 4	eggs title1 avocado burgers chocolate clothes accessories cookies	eggs title2 avocado burgers chocolate clothes accessories cookies	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588	1.0 lift 1.0 1.0 1.0
30 0 1 2 3 4 5	eggs title1 avocado burgers chocolate clothes accessories cookies eggs	eggs title2 avocado burgers chocolate clothes accessories cookies eggs	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099	1.0 lift 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213	1.0 lift 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	1.0 lift 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3042 0.2711 0.3763	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3042 0.2711 0.3763 0.2512	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3042 0.2711 0.3763 0.2512 0.3237	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate clothes accessories clothes accessories	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
30 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	eggs title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	eggs title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2059 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	0.2059 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	1.0 lift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31		eggs	0.2409	0.2409 1.0
21	eggs			
	title1			confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29		eggs	0.3617	0.3617 1.0
30	eggs			
	eggs	eggs	0.2059	
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
	title1	title2	support	confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0

24	clothes accessories	clothes accessories	0.2108	0.2108	1.0	
25	clothes accessories		0.3281	0.3281	1.0	
26	french fries	french fries	0.3213	0.3213	1.0	
27	mineral water	mineral water	0.2005	0.2005	1.0	
28	nan	nan	0.2429	0.2429	1.0	
29			0.3617	0.3617	1.0	
	eggs	eggs				
30	eggs	eggs	0.2059	0.2059	1.0	
31	eggs	eggs	0.2409	0.2409	1.0	
32	eggs	eggs	0.2848	0.2848	1.0	
33	energy drink	energy drink	0.3033	0.3033	1.0	
	title1	title2	support	confidence	lift	
0	avocado	avocado	0.3145	0.3145	1.0	
1	burgers	burgers	0.2429	0.2429	1.0	
2	chocolate	chocolate	0.4756	0.4756	1.0	
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0	
4	cookies	cookies	0.3588	0.3588	1.0	
5	eggs	eggs	0.4099	0.4099	1.0	
6	energy drink	energy drink	0.3213	0.3213	1.0	
7	french fries	french fries	0.6548	0.6548	1.0	
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0	
9	milk	milk	0.4079	0.4079	1.0	
10	mineral water	mineral water	0.4527	0.4527	1.0	
11	nan	nan	0.6285	0.6285	1.0	
12	shrimp	shrimp	0.2151	0.2151	1.0	
13	turkey	turkey	0.5272	0.5272	1.0	
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0	
15	avocado	avocado	0.2030	0.2030	1.0	
16	mineral water	mineral water	0.3037	0.3037	1.0	
17	avocado	avocado	0.2921	0.2921	1.0	
18	chocolate	chocolate	0.2521	0.2521	1.0	
19	chocolate	chocolate	0.3042	0.3042	1.0	
20	chocolate	chocolate	0.2711	0.2711	1.0	
21	chocolate	chocolate	0.3763	0.3763	1.0	
22	clothes accessories	clothes accessories	0.2512	0.2512	1.0	
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0	
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0	
25	clothes accessories		0.3281	0.3281	1.0	
26	french fries	french fries	0.3213	0.3213	1.0	
27	mineral water	mineral water	0.2005	0.2005	1.0	
28	nan	nan	0.2429	0.2429	1.0	
29	eggs	eggs	0.3617	0.3617	1.0	
30	eggs	eggs	0.2059	0.2059	1.0	
31	eggs	eggs	0.2409	0.2409	1.0	
32	= =		0.2848	0.2848	1.0	
	eggs	eggs				
33	energy drink	energy drink	0.3033	0.3033	1.0	
34	energy drink	energy drink	0.3033	0.3033	1.0	
	title1	title2	support	confidence	lift	
0	avocado	avocado	0.3145	0.3145	1.0	
1	burgers	burgers		0.2429	1.0	
2	chocolate	chocolate	0.4756	0.4756	1.0	
3	clothes accessories	clothes accessories		0.3398	1.0	
4	cookies	cookies		0.3588	1.0	
5	eggs	eggs	0.4099	0.4099	1.0	
6	energy drink	energy drink	0.3213	0.3213	1.0	
7	french fries	french fries	0.6548	0.6548	1.0	
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0	
	1 11					
9	milk	milk	0.4079	0.4079	1.0	
10	mineral water	mineral water	0.4527	0.4527	1.0	
11	nan	nan	0.6285	0.6285	1.0	
12	shrimp	shrimp	0.2151	0.2151	1.0	
	_	_				
13	turkey	turkey	0.5272	0.5272	1.0	
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0	
15	avocado	avocado	0.2030	0.2030	1.0	
10						
10						

16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
				**
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32			0.2848	0.2848 1.0
	eggs	eggs		
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
	title1	title2	support	confidence lift
0			0.3145	0.3145 1.0
0	avocado	avocado		
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5			0.4099	0.4099 1.0
	eggs	eggs		
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31			0.2409	0.2409 1.0
	eggs	eggs		
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
20				
_	title1			confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
J	21001100 0000001160	21001100 0000001160	0.0000	3.3330 1.0

4	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
11		nan	0.4327		1.0
	nan			0.6285	
12	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
16	mineral water	mineral water	0.3037	0.3037	1.0
17	avocado	avocado	0.2921	0.2921	1.0
18	chocolate	chocolate	0.2521	0.2521	1.0
19	chocolate	chocolate	0.3042	0.3042	1.0
20	chocolate	chocolate	0.2711	0.2711	1.0
21	chocolate	chocolate	0.3763	0.3763	1.0
22	clothes accessories	clothes accessories	0.2512	0.2512	1.0
23			0.3237	0.2312	1.0
	clothes accessories	clothes accessories			
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0
26	french fries	french fries	0.3213	0.3213	1.0
27	mineral water	mineral water	0.2005	0.2005	1.0
28	nan	nan	0.2429	0.2429	1.0
29	eggs	eggs	0.3617	0.3617	1.0
30	eggs	eggs	0.2059	0.2059	1.0
31	eggs	eggs	0.2409	0.2409	1.0
32	eggs	eggs	0.2848	0.2848	1.0
33	energy drink	energy drink	0.3033	0.3033	1.0
34	energy drink	energy drink	0.3033	0.3033	1.0
35	milk	milk	0.2804	0.2804	1.0
36	mineral water	mineral water	0.2702	0.2702	1.0
	mineral water french fries	mineral water french fries	0.2702 0.4819	0.2702 0.4819	1.0
36 37	mineral water french fries title1	mineral water french fries title2	0.2702 0.4819 support	0.2702 0.4819 confidence	1.0 1.0 lift
36 37 0	mineral water french fries title1 avocado	mineral water french fries title2 avocado	0.2702 0.4819 support 0.3145	0.2702 0.4819 confidence 0.3145	1.0 1.0 lift 1.0
36 37 0 1	mineral water french fries title1 avocado burgers	mineral water french fries title2 avocado burgers	0.2702 0.4819 support 0.3145 0.2429	0.2702 0.4819 confidence 0.3145 0.2429	1.0 1.0 lift 1.0 1.0
36 37 0 1 2	mineral water french fries title1 avocado burgers chocolate	mineral water french fries title2 avocado burgers chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756	0.2702 0.4819 confidence 0.3145 0.2429 0.4756	1.0 1.0 lift 1.0 1.0
36 37 0 1 2 3	mineral water french fries title1 avocado burgers chocolate clothes accessories	mineral water french fries title2 avocado burgers chocolate clothes accessories	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398	1.0 1.0 lift 1.0 1.0
36 37 0 1 2 3 4	mineral water french fries title1 avocado burgers chocolate	mineral water french fries title2 avocado burgers chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756	0.2702 0.4819 confidence 0.3145 0.2429 0.4756	1.0 1.0 lift 1.0 1.0
36 37 0 1 2 3	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398	1.0 1.0 lift 1.0 1.0
36 37 0 1 2 3 4	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588	1.0 1.0 lift 1.0 1.0 1.0
36 37 0 1 2 3 4 5	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099	1.0 1.0 1ift 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213	1.0 1.0 1ift 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	1.0 1.0 lift 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079	1.0 1.0 1ift 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	1.0 1.0 1ift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	1.0 1.0 1ift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	1.0 1.0 1ift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	1.0 1.0 1.ift 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	1.0 1.0 1.10 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate clothes accessories clothes accessories	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
36 37 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	mineral water french fries title1 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	mineral water french fries title2 avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	0.2702 0.4819 support 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	0.2702 0.4819 confidence 0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

0.0			0 0400	0 0400 1 0
28 29	nan eggs	nan eggs	0.2429	0.2429 1.0 0.3617 1.0
30		eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs		0.2409	0.2848 1.0
	eggs	eggs		
33	energy drink	energy drink	0.3033	
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
_	title1			confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink		0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
	title1	title2		confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
-	french fries	french fries	0.6548	0.6548 1.0
7		11011011 11100	0.0010	3.0010 1.0
7 8		herh & nenner	0.3042	0.3042 1 0
7 8 9	herb & pepper milk	herb & pepper milk	0.3042	0.3042 1.0 0.4079 1.0

10	mineral water	mineral water	0.4527	0.4527	1.0	
11	nan	nan		0.6285	1.0	
12	shrimp	shrimp	0.2151	0.2151		
13	turkey	-	0.5272	0.5272		
	_	_				
14	_	whole wheat pasta		0.2653		
15	avocado	avocado		0.2030	1.0	
16	mineral water	mineral water	0.3037	0.3037	1.0	
17	avocado	avocado	0.2921	0.2921	1.0	
18	chocolate	chocolate	0.2521	0.2521	1.0	
19	chocolate	chocolate	0.3042	0.3042	1.0	
20	chocolate	chocolate		0.2711		
21	chocolate	chocolate		0.3763	1.0	
22	clothes accessories	clothes accessories	0.2512	0.2512	1.0	
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0	
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0	
25		clothes accessories	0.3281	0.3281	1.0	
26	french fries	french fries	0.3213	0.3213	1.0	
27	mineral water	mineral water	0.2005	0.2005		
28	nan	nan	0.2429	0.2429	1.0	
29	eggs	eggs	0.3617	0.3617	1.0	
30	eggs	eggs	0.2059	0.2059	1.0	
31	eggs	eggs		0.2409		
32	eggs	eggs		0.2848	1.0	
33	energy drink	energy drink		0.3033	1.0	
34	energy drink	energy drink		0.3033		
35	milk	milk	0.2804	0.2804	1.0	
36	mineral water	mineral water	0.2702	0.2702	1.0	
37	french fries	french fries		0.4819		
38	french fries	french fries		0.3709	1.0	
39	whole wheat pasta	whole wheat pasta		0.2478	1.0	
40	milk	milk	0.2702	0.2702		
	title1	title2	support	confidence	lift	
0	avocado	avocado	0.3145	0.3145	1.0	
1	burgers	burgers	0.2429	0.2429	1.0	
2	chocolate	chocolate		0.4756		
3		clothes accessories		0.3398	1.0	
4	cookies	cookies	0.3588	0.3588	1.0	
5	eggs	eggs		0.4099	1.0	
6	energy drink	energy drink	0.3213	0.3213	1.0	
7	french fries	french fries	0.6548	0.6548	1.0	
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0	
9	milk	milk	0.4079	0.4079	1.0	
10		mineral water				
	mineral water		0.4527	0.4527	1.0	
11	nan		0.6285			
12	shrimp	shrimp		0.2151	1.0	
13	turkey	turkey	0.5272	0.5272	1.0	
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0	
15	avocado	avocado	0.2030	0.2030	1.0	
16	mineral water	mineral water	0.3037	0.3037	1.0	
	avocado					
17		avocado	0.2921	0.2921	1.0	
18	chocolate	chocolate	0.2521	0.2521	1.0	
19	chocolate	chocolate	0.3042	0.3042	1.0	
	chocolate	chocolate	0.2711	0.2711	1.0	
20		chocolate	0.3763	0.3763	1.0	
	chocolate					
21	chocolate	clothes accessories	0.2512	0 2512		
21 22	clothes accessories	clothes accessories	0.2512	0.2512	1.0	
21 22 23	clothes accessories clothes accessories	clothes accessories	0.3237	0.3237	1.0	
21 22 23 24	clothes accessories clothes accessories clothes accessories	clothes accessories clothes accessories	0.3237 0.2108	0.3237 0.2108	1.0 1.0	
21 22 23	clothes accessories clothes accessories clothes accessories	clothes accessories	0.3237	0.3237	1.0	
21 22 23 24	clothes accessories clothes accessories clothes accessories	clothes accessories clothes accessories	0.3237 0.2108	0.3237 0.2108	1.0 1.0	
21 22 23 24 25 26	clothes accessories clothes accessories clothes accessories clothes accessories french fries	clothes accessories clothes accessories clothes accessories french fries	0.3237 0.2108 0.3281 0.3213	0.3237 0.2108 0.3281 0.3213	1.0 1.0 1.0	
21 22 23 24 25 26 27	clothes accessories clothes accessories clothes accessories clothes accessories french fries mineral water	clothes accessories clothes accessories clothes accessories french fries mineral water	0.3237 0.2108 0.3281 0.3213 0.2005	0.3237 0.2108 0.3281 0.3213 0.2005	1.0 1.0 1.0 1.0	
21 22 23 24 25 26 27 28	clothes accessories clothes accessories clothes accessories french fries mineral water	clothes accessories clothes accessories clothes accessories french fries mineral water nan	0.3237 0.2108 0.3281 0.3213 0.2005 0.2429	0.3237 0.2108 0.3281 0.3213 0.2005 0.2429	1.0 1.0 1.0 1.0 1.0	
21 22 23 24 25 26 27	clothes accessories clothes accessories clothes accessories clothes accessories french fries mineral water	clothes accessories clothes accessories clothes accessories french fries mineral water	0.3237 0.2108 0.3281 0.3213 0.2005	0.3237 0.2108 0.3281 0.3213 0.2005	1.0 1.0 1.0 1.0	

131					
22 eggs	31	eggs	eggs	0.2409	0.2409 1.0
Second	32			0.2848	0.2848 1.0
Second					
36 mineral water french fries mineral water french fries 0.2702 0.2702 1.0 38 french fries french fries 0.4819 0.4919 1.0 39 whole wheat pasta whole wheat pasta 0.2702 0.2702 1.0 40 mineral water mineral water 0.3476 0.3476 1.0 1 burgers decodade 0.3476 0.3476 1.0 1 burgers burgers 0.3476 0.3476 1.0 2 chocolate chocolate 0.4756 1.0 3 clothes accessories clothes accessories 0.3485 0.3455 1.0 4 cookies cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4756 0.4756 1.0 7 french fries french fries 0.3588 0.3588 1.0 8 herb & pepper herb & pepper herb & pepper 0.0499 1.0 10					
Trench fries					
### State French fries French fries 0.3709 0.3709 1.0 ### whole wheat pasta whole wheat pasta 0.2478 0.2478 1.0 ### mineral water mineral water 0.3476 0.3476 1.0 ### title1	36	mineral water	mineral water	0.2702	0.2702 1.0
39	37	french fries	french fries	0.4819	0.4819 1.0
39	38	french fries	french fries	0 3709	0 3709 1 0
Mail					
Mile		-	-		
title1 title2 support confidence lift 0 avocado 0.3145 0.3145 1.0145 1 burgers burgers 0.2429 0.2429 1.0 2 chocolate chocolate 0.4756 0.4756 1.0 3 clothes accessories clothes accessories 0.3588 0.3588 1.0 4 cookies cookies 0.3588 0.3588 1.0 6 energy drink energy drink 0.3588 0.3588 1.0 7 french fries french fries 0.6648 0.6548 1.0 8 herb & pepper herb & pepper 0.3042 1.0 4079 1.0 10 mineral water mineral water 0.4857 0.4857 1.0 11 nan nan 0.6285 1.0 12 shrimp shrimp 0.2151 0.2251 1.0 12 shrimp shrimp shrimp 0.2521 0.5272					
Description	41		mineral water	0.3476	0.3476 1.0
Durgers Durgers C.2429 C.2429 C.04756 C.0475		title1	title2	support	confidence lift
Durgers Durgers C.2429 C.2429 C.04756 C.0475	0	avocado	avocado	0.3145	0.3145 1.0
Clothes accessories Clothes Clothes	1	hurgers	hurgers	0 2429	0 2429 1 0
Clothes accessories Clothes accessories		-	_		
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title1 title2 support confidence lift 0 avocado avocado 0.3145 0.3145 1.0 1 burgers burgers 0.2429 0.2429 1.0 2 chocolate chocolate 0.4756 0.4756 1.0 3 clothes accessories clothes accessories 0.3398 0.3398 1.0 4 cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4099 0.4099 1.0	41	mineral water	mineral water	0.3476	0.3476 1.0
title1 title2 support confidence lift 0 avocado avocado 0.3145 0.3145 1.0 1 burgers burgers 0.2429 0.2429 1.0 2 chocolate chocolate 0.4756 0.4756 1.0 3 clothes accessories clothes accessories 0.3398 0.3398 1.0 4 cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4099 0.4099 1.0	42	nan	nan	0.2502	0.2502 1.0
0 avocado avocado 0.3145 0.3145 1.0 1 burgers burgers 0.2429 0.2429 1.0 2 chocolate chocolate 0.4756 0.4756 1.0 3 clothes accessories clothes accessories 0.3398 0.3398 1.0 4 cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4099 0.4099 1.0					
1 burgers burgers 0.2429 0.2429 1.0 2 chocolate chocolate 0.4756 0.4756 1.0 3 clothes accessories clothes accessories 0.3398 0.3398 1.0 4 cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4099 0.4099 1.0	Ο				
2 chocolate chocolate 0.4756 0.4756 1.0 3 clothes accessories clothes accessories 0.3398 0.3398 1.0 4 cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4099 0.4099 1.0					
3 clothes accessories clothes accessories 0.3398 0.3398 1.0 4 cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4099 0.4099 1.0					
4 cookies cookies 0.3588 0.3588 1.0 5 eggs eggs 0.4099 0.4099 1.0					
5 eggs eggs 0.4099 0.4099 1.0	3	clothes accessories		0.3398	
	4	cookies	cookies	0.3588	0.3588 1.0
	5	eaas	eaas	0.4099	0.4099 1.0
5.019j 411 5.019j 411 5.0215 1.0					
	•	STOLGY GILLIN	SHOLGY WILLIAM	0.0210	0.0210 1.0

7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkev	0.5272	0.5272 1.0
		2		
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18			0.2521	0.2521 1.0
	chocolate	chocolate		
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
	-	-		
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
	title1			confidence lift
0	avocado		0.3145	0.3145 1.0
		avocado		
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5			0.4099	0.4099 1.0
	eggs	eggs		
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp		0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado			0.2921 1.0
		avocado	0.2921	
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories		0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0

25	clothes accessories	clothes accessories	0.3281	0.3281	1.0
26	french fries	french fries	0.3213	0.3213	1.0
27	mineral water	mineral water	0.2005	0.2005	1.0
28	nan		0.2429	0.2429	1.0
		nan			
29	eggs	eggs	0.3617	0.3617	1.0
30	eggs	eggs	0.2059	0.2059	1.0
31	eggs	eggs	0.2409	0.2409	1.0
32	eggs	eggs	0.2848	0.2848	1.0
33					
	energy drink	energy drink	0.3033	0.3033	1.0
34	energy drink	energy drink	0.3033	0.3033	1.0
35	milk	milk	0.2804	0.2804	1.0
36	mineral water	mineral water	0.2702	0.2702	1.0
37	french fries	french fries		0.4819	1.0
		french fries			
38	french fries		0.3709	0.3709	1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478	1.0
40	milk	milk	0.2702	0.2702	1.0
41	mineral water	mineral water	0.3476	0.3476	1.0
42	nan	nan	0.2502	0.2502	1.0
43	mineral water	mineral water	0.2891	0.2891	1.0
44	chocolate	chocolate	0.2429	0.2429	1.0
	title1	title2	support	confidence 1	Lift
0	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers	0.2429	0.2429	1.0
	_				
2	chocolate	chocolate		0.4756	1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
4	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	
		31			1.0
7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
11					1.0
	nan	nan	0.6285	0.6285	
12	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
16	mineral water	mineral water		0.3037	1.0
17	avocado	avocado	0.2921	0.2921	1.0
18	chocolate	chocolate	0.2521	0.2521	1.0
19	chocolate	chocolate	0.3042	0.3042	1.0
20	chocolate	chocolate	0.2711	0.2711	1.0
21	chocolate	chocolate	0.3763	0.3763	1.0
22	clothes accessories	clothes accessories	0.2512	0.2512	1.0
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0
25		clothes accessories		0.3281	1.0
26	french fries	french fries			1.0
27	mineral water	mineral water		0.2005	1.0
28	nan	nan	0.2429	0.2429	1.0
29	eggs	eggs	0.3617	0.3617	1.0
30	eggs	eggs		0.2059	1.0
		3 3			
31	eggs	eggs		0.2409	1.0
32	eggs	eggs		0.2848	1.0
33	energy drink	energy drink	0.3033	0.3033	1.0
34	energy drink	energy drink		0.3033	1.0
35	milk	milk		0.2804	1.0
36	mineral water	mineral water		0.2702	1.0
37	french fries	french fries		0.4819	1.0
38	french fries	french fries	0.3709	0.3709	1.0
39	whole wheat pasta	whole wheat pasta		0.2478	1.0
40	milk		0.2702	0.2702	1.0
41	mineral water	mineral water		0.3476	1.0
- 1 T	mineral water	writerar waret	0.54/0	0.34/0	1.0

42	nan	nan	0.2502	0.2502 1.
43	mineral water	mineral water	0.2891	0.2891 1.
44	chocolate	chocolate	0.2429	0.2429 1.
45	chocolate	chocolate	0.2453	0.2453 1.
	title1	title2	support	confidence lif
0	avocado	avocado	0.3145	0.3145 1.
1	burgers	burgers	0.2429	0.2429 1.
2	chocolate	chocolate	0.4756	0.4756 1.
3	clothes accessories	clothes accessories	0.3398	0.3398 1.
4	cookies	cookies	0.3588	0.3588 1.
5	eggs	eggs	0.4099	0.4099 1.
6	energy drink	energy drink	0.3213	0.3213 1.
7	french fries	french fries	0.6548	0.6548 1.
, 8	herb & pepper	herb & pepper	0.3042	0.3042 1.
9	milk	merb & pepper milk		
			0.4079	
10	mineral water	mineral water	0.4527	0.4527 1.
11	nan	nan	0.6285	0.6285 1.
12	shrimp	shrimp	0.2151	0.2151 1.
13	turkey	turkey	0.5272	0.5272 1.
14	whole wheat pasta	whole wheat pasta		0.2653 1.
15	avocado	avocado	0.2030	0.2030 1.
16	mineral water	mineral water	0.3037	0.3037 1.
17	avocado	avocado	0.2921	0.2921 1.
18	chocolate	chocolate	0.2521	0.2521 1.
19	chocolate	chocolate	0.3042	0.3042 1.
20	chocolate	chocolate	0.2711	0.2711 1.
21	chocolate	chocolate	0.3763	0.3763 1.
22	clothes accessories	clothes accessories	0.2512	0.2512 1.
23	clothes accessories	clothes accessories	0.3237	0.3237 1.
24	clothes accessories	clothes accessories	0.2108	0.2108 1.
25	clothes accessories	clothes accessories	0.3281	0.3281 1.
26	french fries	french fries	0.3213	0.3213 1.
27	mineral water	mineral water	0.2005	0.2005 1.
28	nan	nan	0.2429	0.2429 1.
20 29			0.3617	0.3617 1.
	eggs	eggs		
30	eggs	eggs	0.2059	0.2059 1.
31	eggs	eggs	0.2409	0.2409 1.
32	eggs	eggs	0.2848	0.2848 1.
33	energy drink	energy drink	0.3033	0.3033 1.
34	energy drink	energy drink	0.3033	0.3033 1.
35	milk	milk	0.2804	0.2804 1.
36	mineral water	mineral water	0.2702	0.2702 1.
37	french fries	french fries	0.4819	0.4819 1.
38	french fries	french fries	0.3709	0.3709 1.
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.
40	milk	milk		0.2702 1.
41	mineral water	mineral water	0.3476	0.3476 1.
42	nan	nan	0.2502	0.2502 1.
43	mineral water	mineral water	0.2891	0.2891 1.
44	chocolate	chocolate		0.2429 1.
45	chocolate	chocolate	0.2423	0.2453 1.
45 46	chocolate	chocolate	0.2433	0.2433 1.
4 O	title1			confidence lif
<u> </u>			0.3145	
0	avocado	avocado		0.3145 1.
1	burgers	burgers	0.2429	0.2429 1.
2	chocolate	chocolate	0.4756	0.4756 1.
3	clothes accessories	clothes accessories	0.3398	0.3398 1.
4	cookies	cookies	0.3588	0.3588 1.
5	eggs	eggs	0.4099	0.4099 1.
6	energy drink	energy drink	0.3213	0.3213 1.
		french fries	0.6548	0.6548 1.
7	french fries	TIGHCH TITES	0.0540	0.0010 1.
7 8	herb & pepper	herb & pepper	0.3042	0.3042 1.

10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
	-	-		
13	turkey	turkey		0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17			0.2921	
	avocado	avocado		
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories		0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29		eggs	0.3617	0.3617 1.0
	eggs			
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
	title1			confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink		0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey		0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
	_	_		
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories		0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0

24	clothes accessories	clothes accessories	0.2108	0.2108	1.0	
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0	
26	french fries	french fries	0.3213	0.3213	1.0	
27	mineral water	mineral water	0.2005	0.2005	1.0	
28	nan	nan	0.2429	0.2429	1.0	
29	eggs	eggs	0.3617	0.3617	1.0	
30			0.2059	0.2059	1.0	
	eggs	eggs				
31	eggs	eggs	0.2409	0.2409	1.0	
32	eggs	eggs	0.2848	0.2848	1.0	
33	energy drink	energy drink		0.3033	1.0	
34	energy drink	energy drink	0.3033	0.3033	1.0	
35	milk	milk	0.2804	0.2804	1.0	
36	mineral water	mineral water	0.2702	0.2702	1.0	
37	french fries	french fries	0.4819	0.4819	1.0	
38	french fries	french fries	0.3709	0.3709	1.0	
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478	1.0	
40	milk	milk	0.2702	0.2702	1.0	
41	mineral water	mineral water	0.3476	0.3476	1.0	
42	nan	nan		0.2502	1.0	
43	mineral water	mineral water	0.2891	0.2891	1.0	
44	chocolate	chocolate	0.2429	0.2429	1.0	
45		chocolate			1.0	
	chocolate			0.2453		
46	chocolate	chocolate	0.2833	0.2833	1.0	
47	clothes accessories	clothes accessories	0.2429	0.2429	1.0	
48				0.2497		
40		clothes accessories			1.0	
	title1	title2	support	confidence	lift	
0	avocado	avocado	0.3145	0.3145	1.0	
1	burgers	burgers		0.2429	1.0	
	_	_				
2	chocolate	chocolate	0.4756	0.4756	1.0	
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0	
4	cookies	cookies		0.3588	1.0	
5	eggs	eggs	0.4099	0.4099	1.0	
6	energy drink	energy drink	0.3213	0.3213	1.0	
	energy drink french fries	energy drink				
7	french fries	french fries	0.6548	0.6548	1.0	
7	french fries	french fries	0.6548	0.6548	1.0	
7 8 9	french fries herb & pepper milk	french fries herb & pepper milk	0.6548 0.3042 0.4079	0.6548 0.3042 0.4079	1.0 1.0 1.0	
7 8 9 10	french fries herb & pepper milk mineral water	french fries herb & pepper milk mineral water	0.6548 0.3042 0.4079 0.4527	0.6548 0.3042 0.4079 0.4527	1.0 1.0 1.0	
7 8 9 10 11	french fries herb & pepper milk	french fries herb & pepper milk mineral water nan	0.6548 0.3042 0.4079 0.4527	0.6548 0.3042 0.4079 0.4527 0.6285	1.0 1.0 1.0	
7 8 9 10	french fries herb & pepper milk mineral water	french fries herb & pepper milk mineral water	0.6548 0.3042 0.4079 0.4527	0.6548 0.3042 0.4079 0.4527	1.0 1.0 1.0	
7 8 9 10 11	french fries herb & pepper milk mineral water nan shrimp	french fries herb & pepper milk mineral water nan shrimp	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13	french fries herb & pepper milk mineral water nan shrimp turkey	french fries herb & pepper milk mineral water nan shrimp turkey	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13	french fries herb & pepper milk mineral water nan shrimp turkey	french fries herb & pepper milk mineral water nan shrimp turkey	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 0.3237 0.2512	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 0.3237 0.2512	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 0.3237 0.2512	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 0.3237 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 0.3237 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 0.3237 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3763 0.2512 0.3237 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2409	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2409	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.24409 0.2848	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2449 0.2848	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.24409 0.2848 0.3033	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2449 0.2848 0.3033	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.24409 0.2848 0.3033	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2449 0.2848	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.24409 0.2848 0.3033 0.3033	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2449 0.2848 0.3033 0.3033	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.24409 0.2848 0.3033 0.3033 0.3033	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2409 0.2848 0.3033 0.3033 0.2804	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories	french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate choc	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.24409 0.2848 0.3033 0.3033	0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429 0.3617 0.2059 0.2449 0.2848 0.3033 0.3033	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	

37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
	-	-		
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43				
	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
48	clothes accessories	clothes accessories	0.2497	0.2497 1.0
49	clothes accessories	clothes accessories	0.2064	0.2064 1.0
	title1	title2	sunnort	confidence lift
0				
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water		
			0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24				
	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs		0.2409 1.0
32			0.2848	0.2848 1.0
	eggs			
33	energy drink	energy drink		0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate		0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
48		clothes accessories	0.2497	0.2497 1.0
-			'	

4.0	alakhaa	alathar	0 0000	0 0004	1 ^
	clothes accessories				
50	clothes accessories			0.3154	1.0
0	title1			confidence	1.0
0	avocado	avocado	0.3145	0.3145	
2	burgers chocolate	burgers chocolate		0.2429 0.4756	
3		clothes accessories		0.4756	
4	cookies	cookies		0.3588	
5	eggs	eggs	0.4099		
6	energy drink	energy drink		0.3213	1.0
7	french fries	french fries		0.6548	
8	herb & pepper	herb & pepper		0.3042	
9	milk	merb w pepper milk		0.4079	
10	mineral water	mineral water	0.4527	0.4527	
11	nan	nan		0.6285	1.0
12	shrimp	shrimp	0.2151	0.2151	1.0
13	turkey	turkey		0.5272	1.0
14	_	whole wheat pasta		0.2653	
15	avocado	avocado		0.2030	1.0
16	mineral water	mineral water		0.3037	1.0
17	avocado	avocado		0.2921	1.0
18	chocolate	chocolate		0.2521	
19	chocolate	chocolate		0.3042	1.0
20	chocolate	chocolate		0.2711	
21	chocolate	chocolate		0.3763	
22	clothes accessories	clothes accessories		0.2512	
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0
25	clothes accessories	clothes accessories	0.3281	0.3281	1.0
26	french fries	french fries	0.3213	0.3213	1.0
27	mineral water	mineral water	0.2005	0.2005	1.0
28	nan	nan	0.2429	0.2429	1.0
29	eggs	eggs	0.3617	0.3617	1.0
30	eggs	eggs	0.2059	0.2059	1.0
31	eggs	eggs	0.2409	0.2409	1.0
32	eggs	eggs	0.2848	0.2848	1.0
33	energy drink	energy drink		0.3033	1.0
34	energy drink	energy drink	0.3033	0.3033	1.0
35	milk	milk		0.2804	1.0
36	mineral water	mineral water		0.2702	1.0
37	french fries	french fries		0.4819	1.0
38	french fries	french fries		0.3709	1.0
39		whole wheat pasta		0.2478	1.0
40	milk		0.2702		1.0
41	mineral water	mineral water	0.3476	0.3476	1.0
42	nan	nan	0.2502	0.2502	
43	mineral water	mineral water	0.2891	0.2891	1.0
44	chocolate	chocolate		0.2429	
45	chocolate	chocolate		0.2453	1.0
46	chocolate	chocolate		0.2833	
47		clothes accessories		0.2429	
48		clothes accessories		0.2497	
49		clothes accessories		0.2064	1.0
50		clothes accessories		0.3154	1.0
51		clothes accessories		0.2020	1.0
0	title1			confidence	
0	avocado	avocado		0.3145	1.0
1	burgers	burgers		0.2429	1.0
2	chocolate	chocolate		0.4756	1.0
3		clothes accessories		0.3398	1.0
4	cookies	cookies		0.3588	1.0
5	eggs	eggs		0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	1.0

7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
9	milk	milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
11	nan	nan	0.6285	0.6285	1.0
12	shrimp	shrimp	0.2151		1.0
13	turkey	turkey	0.5272	0.5272	1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
16	mineral water	mineral water	0.3037	0.3037	1.0
17	avocado	avocado	0.2921	0.2921	1.0
18	chocolate	chocolate	0.2521		1.0
19	chocolate	chocolate	0.3042	0.3042	1.0
20	chocolate	chocolate	0.2711	0.2711	1.0
21	chocolate	chocolate	0.3763	0.3763	1.0
22	clothes accessories		0.2512	0.2512	1.0
23	clothes accessories	clothes accessories	0.3237	0.3237	1.0
24	clothes accessories	clothes accessories	0.2108	0.2108	1.0
25	clothes accessories		0.3281		1.0
26	french fries	french fries	0.3213		1.0
27	mineral water	mineral water	0.2005	0.2005	1.0
28	nan	nan	0.2429	0.2429	1.0
29	eggs	eggs	0.3617	0.3617	1.0
30	eggs	eggs	0.2059	0.2059	1.0
31	eggs	eggs	0.2409	0.2409	1.0
32		eggs	0.2848	0.2848	1.0
	eggs	33			
33	energy drink	energy drink	0.3033	0.3033	1.0
34	energy drink	energy drink	0.3033	0.3033	1.0
35	milk	milk	0.2804	0.2804	1.0
36	mineral water	mineral water	0.2702	0.2702	1.0
37	french fries	french fries	0.4819	0.4819	1.0
38	french fries	french fries	0.3709	0.3709	1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478	1.0
40	milk	milk	0.2702	0.2702	1.0
41	mineral water	mineral water	0.3476	0.3476	1.0
42			0.2502	0.2502	1.0
	nan	nan			
43	mineral water	mineral water	0.2891	0.2891	1.0
44	chocolate	chocolate	0.2429	0.2429	1.0
45	chocolate	chocolate		0.2453	1.0
46	chocolate	chocolate			1.0
47	clothes accessories	clothes accessories	0.2429	0.2429	1.0
48	clothes accessories	clothes accessories	0.2497	0.2497	1.0
49					
	clothes accessories	clothes accessories	0.2064	0.2064	1.0
50	clothes accessories	clothes accessories	0.3154	0.3154	1.0
51	clothes accessories	clothes accessories	0.2020	0.2020	1.0
52	french fries	french fries	0.2215	0.2215	1.0
52					
	title1			confidence 1	
0	avocado	avocado	0.3145	0.3145	1.0
1	burgers	burgers	0.2429	0.2429	1.0
2	chocolate	chocolate			1.0
3	clothes accessories	clothes accessories	0.3398	0.3398	1.0
4	cookies	cookies	0.3588	0.3588	1.0
5	eggs	eggs	0.4099	0.4099	1.0
6	energy drink	energy drink	0.3213	0.3213	1.0
7	french fries	french fries	0.6548	0.6548	1.0
8	herb & pepper	herb & pepper	0.3042	0.3042	1.0
	1 11				
9	milk	milk	0.4079	0.4079	1.0
10	mineral water	mineral water	0.4527	0.4527	1.0
11	nan	nan	0.6285	0.6285	1.0
12	shrimp	shrimp	0.2151	0.2151	1.0
	_	_			
13	turkey	turkey			1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653	1.0
15	avocado	avocado	0.2030	0.2030	1.0
10	4,00440	avocado	0.2000	0.2000	

16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
	±	=		
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
48	clothes accessories	clothes accessories	0.2497	0.2497 1.0
49	clothes accessories	clothes accessories	0.2064	0.2064 1.0
50	clothes accessories	clothes accessories	0.3154	0.3154 1.0
51	clothes accessories	clothes accessories	0.2020	0.2020 1.0
52	french fries	french fries	0.2215	0.2215 1.0
53		eggs	0.2185	0.2185 1.0
55	eggs			
	title1	title2	support	confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5			0.4099	0.4099 1.0
	eggs	eggs		
6	energy drink	energy drink		0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper		0.3042 1.0
9	milk	milk		0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp		0.2151 1.0
	_	-		
13	turkey	turkey		0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
20	21301103 40003301103	22301103 40003301103	0.5257	3.3237 1.0

24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
	= = =			
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink			
		energy drink	0.3033	
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
	_	_		
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water		0.2891 1.0
			0.2891	
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
48	clothes accessories	clothes accessories	0.2497	0.2497 1.0
49	clothes accessories	clothes accessories	0.2064	0.2064 1.0
	clothes accessories			
50		clothes accessories	0.3154	0.3154 1.0
51	clothes accessories	clothes accessories	0.2020	0.2020 1.0
52	french fries	french fries	0.2215	0.2215 1.0
53			0.2185	0.2185 1.0
	eggs	eggs		
54	eggs	eggs	0.2653	0.2653 1.0
	title1	title2	support c	onfidence lift
0	avocado			
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	avocado burgers	0.3145 0.2429	0.3145 1.0 0.2429 1.0
1 2		avocado burgers chocolate	0.3145	0.3145 1.0
1	burgers	avocado burgers chocolate	0.3145 0.2429 0.4756	0.3145 1.0 0.2429 1.0
1 2 3	burgers chocolate clothes accessories	avocado burgers chocolate clothes accessories	0.3145 0.2429 0.4756 0.3398	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0
1 2 3 4	burgers chocolate clothes accessories cookies	avocado burgers chocolate clothes accessories cookies	0.3145 0.2429 0.4756 0.3398 0.3588	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0
1 2 3 4 5	burgers chocolate clothes accessories cookies eggs	avocado burgers chocolate clothes accessories cookies eggs	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0
1 2 3 4	burgers chocolate clothes accessories cookies	avocado burgers chocolate clothes accessories cookies	0.3145 0.2429 0.4756 0.3398 0.3588	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0
1 2 3 4 5	burgers chocolate clothes accessories cookies eggs energy drink	avocado burgers chocolate clothes accessories cookies eggs energy drink	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0
1 2 3 4 5 6 7	burgers chocolate clothes accessories cookies eggs energy drink french fries	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0
1 2 3 4 5 6 7 8	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0
1 2 3 4 5 6 7	burgers chocolate clothes accessories cookies eggs energy drink french fries	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0
1 2 3 4 5 6 7 8	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0
1 2 3 4 5 6 7 8 9	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0
1 2 3 4 5 6 7 8 9 10 11	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0
1 2 3 4 5 6 7 8 9 10 11 12	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0
1 2 3 4 5 6 7 8 9 10 11	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0
1 2 3 4 5 6 7 8 9 10 11 12	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.3042 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3042 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3042 1.0 0.3763 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2512 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2921 1.0 0.2521 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2512 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.2108 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate ch	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.3237 1.0 0.3237 1.0 0.3281 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate clothes accessories clothes accessories clothes accessories french fries	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.32521 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.3237 1.0 0.3281 1.0 0.3281 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate ch	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2053 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.3237 1.0 0.3281 1.0 0.3281 1.0 0.3213 1.0 0.2005 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate clothes accessories clothes accessories clothes accessories french fries	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.32521 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.3237 1.0 0.3281 1.0 0.3281 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories clothes accessories french fries mineral water	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.32521 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2053 1.0 0.2921 1.0 0.2921 1.0 0.2521 1.0 0.3037 1.0 0.2921 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.3237 1.0 0.3237 1.0 0.3281 1.0 0.3281 1.0 0.3213 1.0 0.2005 1.0 0.2429 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories clothes accessories french fries mineral water nan eggs	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.2521 0.3042 0.2711 0.3763 0.2512 0.3237 0.2108 0.3281 0.3281 0.3213 0.2005 0.2429 0.3617	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2053 1.0 0.2030 1.0 0.3037 1.0 0.2921 1.0 0.2521 1.0 0.3042 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.3237 1.0 0.3237 1.0 0.3237 1.0 0.3281 1.0 0.3281 1.0 0.3213 1.0 0.2005 1.0 0.2429 1.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate	avocado burgers chocolate clothes accessories cookies eggs energy drink french fries herb & pepper milk mineral water nan shrimp turkey whole wheat pasta avocado mineral water avocado chocolate chocolate chocolate chocolate chocolate chocolate chocolate chocolate clothes accessories clothes accessories clothes accessories french fries mineral water	0.3145 0.2429 0.4756 0.3398 0.3588 0.4099 0.3213 0.6548 0.3042 0.4079 0.4527 0.6285 0.2151 0.5272 0.2653 0.2030 0.3037 0.2921 0.32521 0.3763 0.2512 0.3237 0.2108 0.3281 0.3213 0.2005 0.2429	0.3145 1.0 0.2429 1.0 0.4756 1.0 0.3398 1.0 0.3588 1.0 0.4099 1.0 0.3213 1.0 0.6548 1.0 0.4079 1.0 0.4527 1.0 0.6285 1.0 0.2151 1.0 0.5272 1.0 0.2653 1.0 0.2053 1.0 0.2921 1.0 0.2921 1.0 0.2521 1.0 0.3037 1.0 0.2921 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2711 1.0 0.3763 1.0 0.2512 1.0 0.3237 1.0 0.3237 1.0 0.3237 1.0 0.3281 1.0 0.3281 1.0 0.3213 1.0 0.2005 1.0 0.2429 1.0

31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39			0.2478	0.2478 1.0
	whole wheat pasta	whole wheat pasta		
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
48	clothes accessories	clothes accessories	0.2497	0.2497 1.0
49	clothes accessories	clothes accessories	0.2064	0.2064 1.0
50	clothes accessories	clothes accessories	0.3154	0.3154 1.0
51	clothes accessories	clothes accessories	0.2020	
52	french fries	french fries	0.2215	0.2215 1.0
53	eggs	eggs	0.2185	0.2185 1.0
54	eggs	eggs	0.2653	0.2653 1.0
55	energy drink	energy drink	0.2911	0.2911 1.0
	title1	title2	support	confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	chocolate	chocolate	0.4756	0.4756 1.0
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8			0.3042	0.3042 1.0
9	herb & pepper milk	herb & pepper		
10		milk	0.4079	
11	mineral water	mineral water	0.4527	0.4527 1.0 0.6285 1.0
	nan	nan	0.6285	
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries		0.3213 1.0
			0.3213	
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
	011019, 0111111			
35	milk	milk	0.2804	0.2804 1.0
35 36			0.2804	0.2804 1.0 0.2702 1.0

37	french fries	french fries	0.4819	0.4819 1.0	
38	french fries	french fries	0.3709	0.3709 1.0	
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0	
40	milk	milk	0.2702	0.2702 1.0	
41	mineral water	mineral water	0.3476	0.3476 1.0	
42	nan	nan	0.2502	0.2502 1.0	
43	mineral water	mineral water	0.2891	0.2891 1.0	
44	chocolate	chocolate	0.2429	0.2429 1.0	
45	chocolate	chocolate	0.2453	0.2453 1.0	
46	chocolate	chocolate		0.2833 1.0	
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0	
48	clothes accessories	clothes accessories	0.2497	0.2497 1.0	
49	clothes accessories		0.2064	0.2064 1.0	
			0.3154		
50	clothes accessories			0.3154 1.0	
51	clothes accessories	clothes accessories	0.2020	0.2020 1.0	
52	french fries	french fries	0.2215	0.2215 1.0	
53	eggs	eggs	0.2185	0.2185 1.0	
54			0.2653	0.2653 1.0	
	eggs	eggs			
55	energy drink	energy drink	0.2911	0.2911 1.0	
56	milk	milk	0.2083	0.2083 1.0	
	title1	title2	support	confidence lift	
0	avocado	avocado	0.3145	0.3145 1.0	
1			0.2429	0.2429 1.0	
	burgers	burgers			
2	chocolate	chocolate		0.4756 1.0	
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0	
4	cookies	cookies	0.3588	0.3588 1.0	
5	eggs	eggs		0.4099 1.0	
6	energy drink	energy drink	0.3213	0.3213 1.0	
7	french fries	french fries	0.6548	0.6548 1.0	
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0	
9	milk	milk	0.4079	0.4079 1.0	
10	mineral water	mineral water	0.4527	0.4527 1.0	
11	nan	nan	0.6285	0.6285 1.0	
12	shrimp	shrimp	0.2151	0.2151 1.0	
13	turkey	turkey	0.5272	0.5272 1.0	
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0	
15	avocado	avocado	0.2030	0.2030 1.0	
16	mineral water	mineral water		0.3037 1.0	
17	avocado	avocado	0.2921	0.2921 1.0	
18	chocolate	chocolate	0.2521	0.2521 1.0	
19	chocolate	chocolate	0.3042	0.3042 1.0	
			0.2711		
20	chocolate	chocolate		0.2711 1.0	
21	chocolate	chocolate	0.3763	0.3763 1.0	
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0	
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0	
24		clothes accessories		0.2108 1.0	
25		clothes accessories		0.3281 1.0	
26	french fries	french fries	0.3213	0.3213 1.0	
27	mineral water	mineral water	0.2005	0.2005 1.0	
28	nan	nan		0.2429 1.0	
29				0.3617 1.0	
	eggs	eggs			
30	eggs	eggs		0.2059 1.0	
31	eggs	eggs	0.2409	0.2409 1.0	
32	eggs	eggs	0.2848	0.2848 1.0	
33	energy drink	energy drink		0.3033 1.0	
34	24	energy drink		0.3033 1.0	
	energy drink				
35	milk	milk		0.2804 1.0	
36	mineral water	mineral water		0.2702 1.0	
37	french fries	french fries		0.4819 1.0	
38	french fries	french fries		0.3709 1.0	
39		whole wheat pasta		0.2478 1.0	
40	milk		0.2702	0.2702 1.0	
41	mineral water	mineral water	0.3476	0.3476 1.0	

42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
48	clothes accessories	clothes accessories	0.2497	0.2497 1.0
49	clothes accessories	clothes accessories	0.2064	0.2064 1.0
50	clothes accessories	clothes accessories	0.3154	0.3154 1.0
51	clothes accessories	clothes accessories	0.2020	0.2020 1.0
52	french fries	french fries	0.2215	0.2215 1.0
53	eggs	eggs	0.2185	0.2185 1.0
54	eggs	eggs	0.2653	0.2653 1.0
55	2 2		0.2911	0.2911 1.0
	energy drink	energy drink		
56	milk	milk	0.2083	0.2083 1.0
57	mineral water	mineral water	0.2249	0.2249 1.0
	title1	title2	support	confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2		3	0.4756	
	chocolate	chocolate		
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
		_		
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29	eggs	eggs	0.3617	0.3617 1.0
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs	0.2409	0.2409 1.0
32	eggs	eggs	0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink	0.3033	0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
36	mineral water	mineral water	0.2702	0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
		french fries		
38	french fries		0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0

46	chocolate	chocolate	0.2833	0.2833 1.0
47	clothes accessories	clothes accessories	0.2429	0.2429 1.0
48	clothes accessories	clothes accessories	0.2497	0.2497 1.0
49	clothes accessories	clothes accessories	0.2064	0.2064 1.0
50				
	clothes accessories	clothes accessories	0.3154	
51	clothes accessories	clothes accessories	0.2020	0.2020 1.0
52	french fries	french fries	0.2215	0.2215 1.0
53	eggs	eggs	0.2185	0.2185 1.0
54	eggs	eggs	0.2653	0.2653 1.0
55	energy drink	energy drink	0.2911	0.2911 1.0
	24			
56	milk	milk	0.2083	0.2083 1.0
57	mineral water	mineral water	0.2249	0.2249 1.0
58	turkey	turkey	0.2224	0.2224 1.0
	title1	title2	support	confidence lift
0	avocado	avocado	0.3145	0.3145 1.0
1	burgers	burgers	0.2429	0.2429 1.0
2	-	_	0.4756	
	chocolate	chocolate		
3	clothes accessories	clothes accessories	0.3398	0.3398 1.0
4	cookies	cookies	0.3588	0.3588 1.0
5	eggs	eggs	0.4099	0.4099 1.0
6	energy drink	energy drink	0.3213	0.3213 1.0
7	french fries	french fries	0.6548	0.6548 1.0
8	herb & pepper	herb & pepper	0.3042	0.3042 1.0
9	milk	milk	0.4079	0.4079 1.0
10	mineral water	mineral water	0.4527	0.4527 1.0
11	nan	nan	0.6285	0.6285 1.0
12	shrimp	shrimp	0.2151	0.2151 1.0
13	turkey	turkey	0.5272	0.5272 1.0
14	whole wheat pasta	whole wheat pasta	0.2653	0.2653 1.0
	_			
15	avocado	avocado	0.2030	0.2030 1.0
16	mineral water	mineral water	0.3037	0.3037 1.0
17	avocado	avocado	0.2921	0.2921 1.0
18	chocolate	chocolate	0.2521	0.2521 1.0
19	chocolate	chocolate	0.3042	0.3042 1.0
20	chocolate	chocolate	0.2711	0.2711 1.0
21	chocolate	chocolate	0.3763	0.3763 1.0
22	clothes accessories	clothes accessories	0.2512	0.2512 1.0
23	clothes accessories	clothes accessories	0.3237	0.3237 1.0
24	clothes accessories	clothes accessories	0.2108	0.2108 1.0
25	clothes accessories	clothes accessories	0.3281	0.3281 1.0
26	french fries	french fries	0.3213	0.3213 1.0
27	mineral water	mineral water	0.2005	0.2005 1.0
28	nan	nan	0.2429	0.2429 1.0
29			0.3617	
	eggs			
30	eggs	eggs	0.2059	0.2059 1.0
31	eggs	eggs		0.2409 1.0
32	eggs		0.2848	0.2848 1.0
33	energy drink	energy drink	0.3033	0.3033 1.0
34	energy drink	energy drink		0.3033 1.0
35	milk	milk	0.2804	0.2804 1.0
		mineral water	0.2702	
36	mineral water			0.2702 1.0
37	french fries	french fries	0.4819	0.4819 1.0
38	french fries	french fries	0.3709	0.3709 1.0
39	whole wheat pasta	whole wheat pasta	0.2478	0.2478 1.0
40	milk	milk	0.2702	0.2702 1.0
41	mineral water	mineral water	0.3476	0.3476 1.0
42	nan	nan	0.2502	0.2502 1.0
43	mineral water	mineral water	0.2891	0.2891 1.0
44	chocolate	chocolate	0.2429	0.2429 1.0
45	chocolate	chocolate	0.2453	0.2453 1.0
46	chocolate	chocolate	0.2833	0.2833 1.0
47		clothes accessories		0.2429 1.0
48		clothes accessories	0.2497	0.2497 1.0
•			'	

```
49 clothes accessories clothes accessories 0.2064
                                                   0.2064 1.0
50 clothes accessories clothes accessories 0.3154
                                                   0.3154 1.0
51 clothes accessories clothes accessories 0.2020
                                                   0.2020 1.0
52
        french fries french fries 0.2215
                                                   0.2215 1.0
                                    eggs 0.2185
53
                                                   0.2185 1.0
                 eggs
                                    eggs 0.2653
                                                    0.2653 1.0
54
                 eggs
55
         energy drink
                            energy drink 0.2911
                                                    0.2911
                                                            1.0
                milk
                                    milk 0.2083
                                                    0.2083
56
                                                            1.0
        mineral water
57
                            mineral water 0.2249
                                                    0.2249
                                                            1.0
              turkey
58
                                  turkey 0.2224
                                                    0.2224
                                                            1.0
                               chocolate 0.2366
59
            chocolate
                                                    0.2366
                                                           1.0
                                  title2 support confidence lift
               title1
0
                                  avocado 0.3145 0.3145
                                                           1.0
              avocado
                                 burgers 0.2429
1
              burgers
                                                    0.2429
                                                           1.0
2
            chocolate
                               chocolate 0.4756
                                                   0.4756 1.0
3
  clothes accessories clothes accessories 0.3398
                                                   0.3398
                                                           1.0
4
              cookies
                                 cookies 0.3588
                                                   0.3588 1.0
                                    milk 0.2083 0.2083 1.0
56
                 milk
        mineral water
                           mineral water 0.2249
57
                                                   0.2249 1.0
         turkey turkey 0.2224 chocolate chocolate 0.2366
58
                                                    0.2224 1.0
59 chocolate chocolate 0.2366
60 clothes accessories clothes accessories 0.2419
                                                    0.2366 1.0
                                                   0.2419 1.0
```

[61 rows x 5 columns]

In [26]:

store_suggestion.describe()

Out[26]:

	title1	title2	support	confidence	lift
count	61	61	61	61	61
unique	15	15	53	53	1
top	clothes accessories	clothes accessories	0.2429	0.2429	1.0
freq	11	11	4	4	61

In [27]:

store_suggestion.to_excel('C:/Users/RK/Downloads/jawaban UAS data mining/output_datase
t no. 3.xls')

- b. Association rules yang terbentuk dari soal nomor 3a yaitu dengan jumlah 61 Association rules
- c. Setelah dianalisa jumlah data pada output dari soal nomor 3a lebih sedikit dari dataset semula. Jumlah data outputnya menjadi 61 Rows dan 5 columns