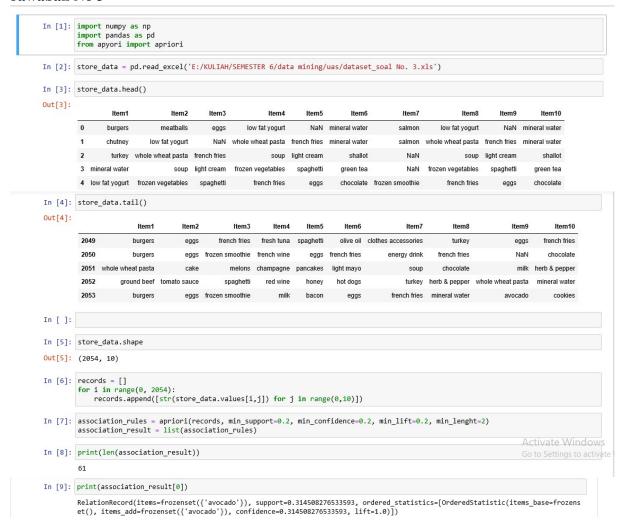
NAMA: I'ROFUL BARIYAH

NIM:17.51.0004

3. Jawaban No 3



```
In [13]:
    result =[]
    for item in association_result:
        pair = item[0]
        items = [x for x in pair]
                                           value0 = str(items[0])
                                          value1 = str(item[1])
value2 = str(item[1])[:10]
                                          value3 = str(item[2][0][2])[:10]
value4 = str(item[2][0][3])[:10]
                                           rows = (value0,value1,value2,value3,value4)
                                          result.append(rows)
                                          label = ['title1', 'title2', 'support', 'confidence', 'lift']
                                          store_suggestion = pd.DataFrame.from_records(result,columns=label)
                                          print(store_suggestion)
                                                                  0.3145082/6533593
                                             vocado 0.314598276533593 0.31459827 0.31459827 1.0 title1 title2 support confidence lift vocado 0.314508276533593 0.31450827 0.31450827 1.0 urgers 0.24294060370009737 0.24294060 0.24294060 1.0 title1 title2 support confidence lift avocado 0.314508276533593 0.31450827 0.31450827 1.0 burgers 0.24294060370009737 0.24294060 0.24294060 1.0
                                         avocado
                                         burgers
                                                                           0.4756572541382668 0.47565725 0.47565725 1.0
title1 title2 support confidence lift
avocado 0.314508276533593 0.31450827 0.31450827 1.0
                                       chocolate
                                                                                                                                                                                                                                                                                                                                                                                 Go to Settings to activate
                                     burgers 0.24294060370009737 0.24294060 0.24294060 1.0
title1 title2 support confidence lift
avocado 0.314508276533593 0.31450827 0.31450827 1.0
                            1
                                                                        0.314508276533593 0.31450827 0.31450827 1.0 0.42494060370090737 0.24294060 1.0 0.47505725 1.0 0.47505725 1.0 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.31450827 0.3450827 0.3450827 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.33982473 0.
                                                                      0.24294060370009737
                                            burgers
                                     chocolate
                            0
                                     burgers 0.24294060370009737 0.24294060
chocolate 0.4756572541382668 0.47565725
clothes accessories 0.33982473222979553 0.33982473
                                                                           title1
                                                                                                         title2
0.314508276533593
                                                                                                                                                                   support
0.31450827
                                                                                                                                                                                                        confidence lift
0.31450827 1.0
                                                                          avocado
                                                                                                   0.24294060370009737
                                                                         burgers
                                                                                                                                                                   0.24294060
                                                                                                                                                                                                        0.24294060 1.0
                                     chocolate clothes accessories
                                                                                                    0.4756572541382668
0.33982473222979553
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0.33982473
                                                                                                                                                                                                        0.47565725
0.33982473
                                                                                                      0.3588120740019474 0.35881207
                                                                        cookies
                                                                                                                                                                                                        0.35881207
                                                                                                                                                                                                                                            1.0
                                                                                                                                                                            support confidence lift
                                                                            title1
                                                                                                                                           title2
In [14]: store_suggestion.describe()
Out[14]:
                                                                                                                               support confidence lift
                                count
                                                   61
                                                                                                         61
                                                                                                                                          61
                                                                                                                                                                        61 61
                                                                                                                                                                        53
                                                                                                             53
                                                                                                                                           53
                               unique
                                                       15
                                top nan 0.24294060370009737 0.24294060 0.24294060 1.0
                                     freq
                                                        19
                                                                                                             4
                                                                                                                                           4
                                                                                                                                                                          4 61
                                                                                                                                                                                                                                                                                                                                                                     Go to Settings to activat
In [15]: store_suggestion.to_excel('E:/KULIAH/SEMESTER 6/data mining/uas/project uas/output_soal3.xls')
```