In [1]: pip install apyori Requirement already satisfied: apyori in c:\users\patil\anaconda3\lib\site-packages (1.1.2)Note: you may need to restart the ke rnel to use updated packages. In [2]: import numpy as np import pandas as pd from apyori import apriori In [3]: dataset=pd.read\_csv("./Market\_Basket\_Optimisation.csv",header=None) dataset.head() Out[3]: 3 5 6 8 9 10 11 12 13 14 15 16 17 low fat salmon antioxydant 0 shrimp almonds avocado vegetables frozen yogurt 1 burgers meatballs NaN eggs 2 chutney NaN whole green wheat rice tea milk energy bar NaN water 4 In [4]: dataset.tail() Out[4]: 10 11 12 light mayo NaN NaN frozen vegetables green tea french fries magazines eggs 7498 chicken NaN NaN NaN NaN 7499 escalope NaN NaN NaN low fat NaN eggs frozen smoothie yogurt In [5]: dataset.shape Out[5]: (7501, 20) In [6]: records=[] for i in range(0,7500): records.append([str(dataset.values[i,j]) for j in range(0,20)]) In [7]: for i in range(len(records)): print(records[i]) ['shrimp', 'almonds', 'avocado', 'vegetables mix', 'green grapes', 'whole weat flour', 'yams', 'cottage cheese', 'energy dri
k', 'tomato juice', 'low fat yogurt', 'green tea', 'honey', 'salad', 'mineral water', 'salmon', 'antioxydant juice', 'frozer
smoothie', 'spinach', 'olive oil']
['burgers', 'meatballs', 'eggs', 'nan', 

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RelationRecord(items=forcenset(('hocolate')), support=0.163866666666666, ordered_statistics=[OrderedStatistic(items_base=forcenset(), items_add=frozenset(('hocolate')), confidence=0.18386666666666666, lift=1.0)])
RelationRecord(items=forcenset(('eggs')), support=0.17963333333333333, ordered_statistics=[OrderedStatistic(items_base=forcenset(('eggs')), confidence=0.1796, lift=1.0)])
RelationRecord(items=forcenset(('french fries')), support=0.17093333333333333, ordered_statistics=[OrderedStatistic(items_base=forcenset(), items_add=forcenset(('french fries')), confidence=0.179033333333333333, lift=1.0)])
RelationRecord(items=forcenset(('green tea')), support=0.121033333333333333, lift=1.0)])
RelationRecord(items=forcenset(('green tea')), support=0.12384, ordered_statistics=[OrderedStatistic(items_base=forcenset(('milk')), confidence=0.1296, lift=1.0)])
RelationRecord(items=forcenset(('mineral water')), support=0.2384, ordered_statistics=[OrderedStatistic(items_base=forcenset(), items_add=forcenset(('mineral water')), confidence=0.2384, lift=1.0)])
RelationRecord(items=forcenset(('maneral water')), ordience=0.9998666666666667, ordered_statistics=[OrderedStatistic(items_base=forcenset(), items_add=forcenset(('maneral water')), confidence=0.1286, lift=1.0)])
RelationRecord(items=forcenset(('sne))-support=0.9998666666666667, ordered_statistics=[OrderedStatistic(items_base=forcenset(), items_add=forcenset(('sne))-support=0.999866666666667, ordered_statistics=[OrderedStatistic(items_base=forcenset(), items_add=forcenset(('nan')), confidence=0.1741333333333333, ordered_statistic(s=[orderedStatistic(items_base=forcenset(), items_add=forcenset(('nan')), support=0.174333333333333, ordered_statistic(s=[orderedStatistic(items_base=forcenset(), items_add=forcenset(('nan')), support=0.17433333333333333, ordered_statistic(items_base=forcenset(), items_add=forcenset(('nan')), support=0.1743333333333333, ordered_statistic(items_base=forcenset(), items_add=forcenset(('nan')), support=0.134, support=0.1366666666666666, ordered_statis
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