Title: Creak association rules for the Monket
Basket Analysis for the given threshold (using K)

Theory:

Association Roks: Then are many ways to see the similarities between ilams. These are techniques That full under the general umbrelly of "association"
The outcome of this type of technique, in simple tems, 13 a at of niks that con be understood as "it this, then that"

Applications: There are many Knowlds of applications of 955001-lign:

- 1) Product recommendation like test FMS artist
- reccommendations.

 3) Medical diagnosis like with diabetes

 4) Content aptimisation like in magazit, website or

Bx-mpk:

The brokenies dubaget:

Imagie 10000 receipts where each receipt represents a transaction with items that we proceed, This is what groceries dataset contains: a collection of receipts with each lie prepresenting

receipt and In item prehased. Back

lik is called a transaction and each column

in a row represent our item.

he can proposent our items as an item

sub as follows:

I= &i,, i2, i3... in3

. A transaction i's represented as follows

Tn = {ij, in -. in 3

This gies is ar rules which are represented as \(\xi_{i_1}, \ i_{2} \end{ar} \rightarrow \ju\)

Support: The fraction which or item set occurs

Contière: Probability that a rope is conert

Por a rew transaction with items on

the left.

We exceeds be expected confidence.

Conclusion: Thus we har Implemented Apriorising Agorithm for Mark & Baset onalysis