

Assignment No 1

Example 1: Apply the Apriori algorithm for discovering frequent item sets of the table.

Use 0.3 for the minimum support value. Illustrate each step of the Apriori Algorithm.

Trans ID	Items Purchased
101	Milk,bread,eggs
102	Milk,juice
103	Juice,butter
104	Milk,bread,eggs
105	Coffee,eggs
106	Coffee
107	Coffee,Juice
108	Milk,bread,cookies,eggs
109	Cookies,butter
110	Milk,bread

Example 2: Find all frequent item sets for the given training set using Apriori. Use 0.2 for the minimum support value. Illustrate each step of the Apriori Algorithm.

TID	ITEMS BROUGHT
T100	{M , O , N , K , E , Y }
T200	{D , O , N , K , E , Y }
T300	{M , A K , E }
T400	{M ,U , C , K ,Y }
T500	{C , O , O ,K , I , E }

Guideline for submission:

1. Solve Example on A4 Size paper by using pen.
2. Scan sheets/Pages & Upload same on Schoology.
3. **Don't Copy Paste of someone bcz I have Viper Tool to check Copy Paste.**
4. Go through the videos posted in schoology section and try to understand each and every step of apriori algorithm and then try to solve assignment questions.
5. **Late date of Submission is 20/04/2020.(Late submitted assignments not considered for gradation).**

6. Having problem regarding concept kindly ping me on what's-app(9623200653) /Schoology Update section.