



AN HONORS UNIVERSITY IN MARYLAND

Department of Computer Science and Electrical Engineering

CMSC 462 – Introduction to Data Science Assignment 4

Due: 11/24/2024

Total Points - 15

Using Bread Basket dataset available in the folder CourseDataSet, please do the following

1. Find out the descriptive statistics about transactions and list the important distinct items in the dataset. [5]
2. Do a market basket analysis and uncover the association rules. Among the association rules, **filter out any rule with "Coffee" on the right-hand side**. Also, set the maxlen as 3 or 4 and minlen as 2. Next, choose a metrics and using it select top five rules and **describe** those. Do those rules make sense? [10]