

Department of Computer Science and Engineering
CSE-454: Data Warehousing and Data Mining Sessional
Assignment-2 (Affinity Analysis)

In our second lab, we only considered two items to simplify our coding, i.e., "If a person buys product X, then they are likely to purchase product Y."

In this assignment:

1. You have to generalize the rule. You have to consider all type of combinations of products as premise and one other product as conclusion. For example, "if a person buys products X and Y, then they are likely to purchase product Z". Again, "if a person buys product W, X, and Y, then they are likely to purchase product Z" and so on.
2. You can use the same data set we have used in our last lab.
3. Use Jupyter notebook to create your project. I have shared a notebook template for this assignment. Rename this template file with your student ID. File name must be your student ID (<std id>.ipynb).
4. Remove unnecessary code blocks before submitting your assignment.
5. Submit only one Jupyter notebook file. Do not compress it nor include any other file with your submission.
6. **DO NOT COPY**
4. Deadline for submission is **September 8, 2020 11:55pm**

* This assignment will carry 10% weight in final grading.

* Marks distribution can be found in the template file.

* Don't do copy-and-paste programming. Severe actions will be taken against any sort of plagiarism.

* Please leave a comment if find any difficulties.