

# Midterm Project Milestone Report

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**Course:** CS634 Data Mining

1. What software and programming language you are using?

The programming language I'm using is Python 3.6, and using Visual Studio Code as my editor. First, generate transactions randomly and store them in text files, and run the algorithm wrote by python on them

2. Where did you download/get the data (e.g., Amazon site, Kmart site, etc.)?

Get the tops seller from 11th Annual Customer Choice Awards Winners (published January 27, 2020 on Trader Joes's site) and randomly generate 20 transactions which include 3 to 7 items each.

1. Everything But The Bagel Sesame Seasoning Blend
2. Mandarin Orange Chicken
3. Cauliflower Gnocchi
4. Dark Chocolate Peanut Butter Cups
5. Plantain Chips
6. Peanut Butter Filled Pretzels (Runners-Up)
7. Non-Dairy Oat Beverages
8. Avocados
9. Unexpected Cheddar
10. Scented Candles

3. Hardware configuration.

CPU: Intel® Core™ i7-8750H  
RAM: 32.0 GB  
SYS: 64-bit Windows 10  
GPU: 1050ti max-q

4. Did you start coding or not?

Yes. Finished the generate-data part, now working on the algorithm

5. Any difficulties or issues (bring that to me to discuss).

No.