

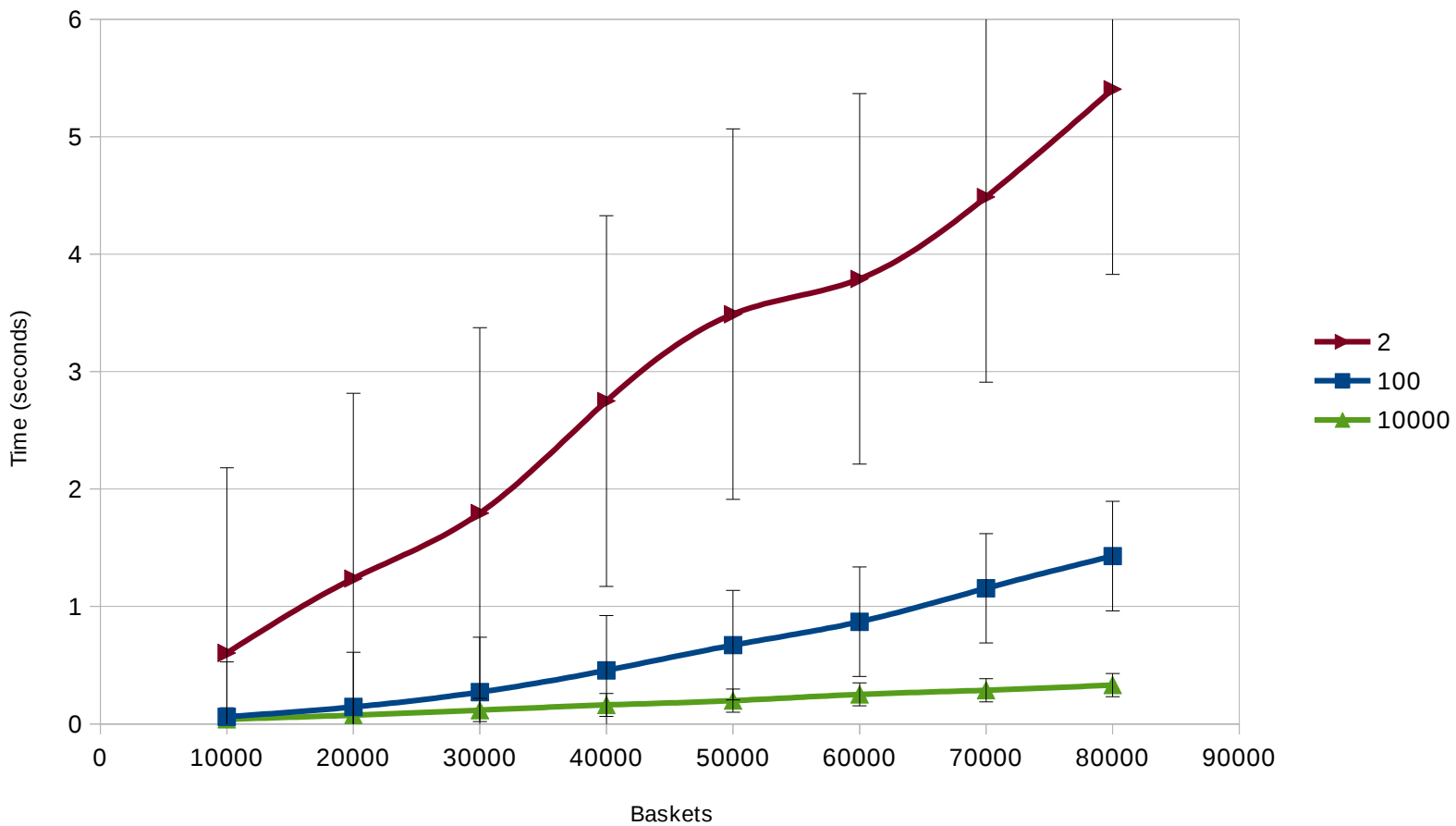
Project 1
CSCI4030U
Melvin Cheng – 100526486

The programs are written in Go.

Apriori takes in 3 arguments. The first argument is the threshold, the second argument is the data file, the third argument is the number of baskets the program will go through. If the third argument is 0 or less, the entire dataset is used. If there are not enough arguments, the program will stop.

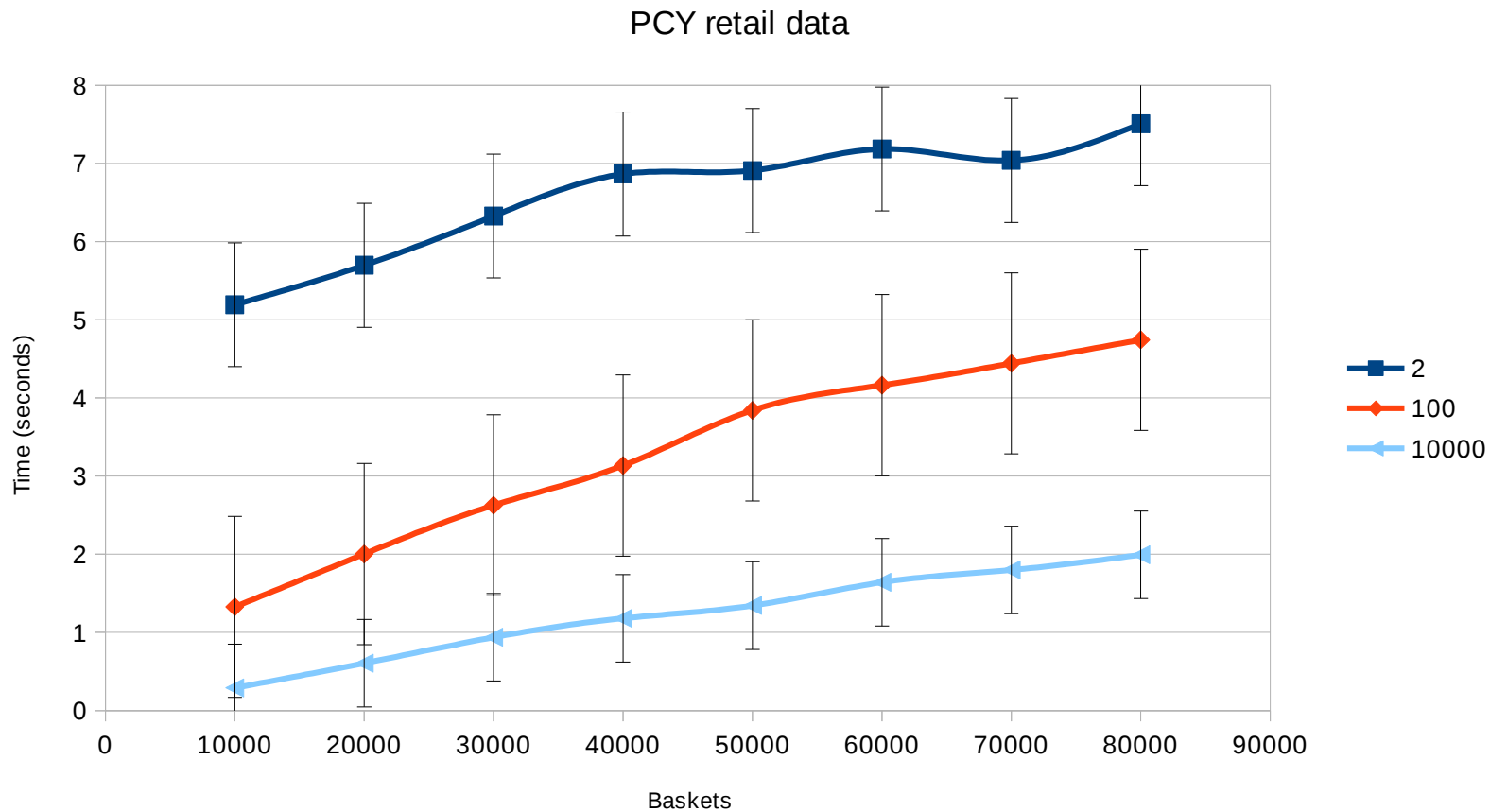
Tests with threshold of 1000, and 5000 were also conducted. However, the values obtain were nearly identical to 500, and 10000. Therefore, they were removed.

Apriori retail data



PCY takes in 3 arguments. The first argument is the threshold, the second argument is the data file, the third argument is the number of baskets the program will go through. If the third argument is 0 or less, the enter dataset is used. If there are not enough arguments, the program will stop.

Tests with threshold of 1000, and 5000 were also conducted. However, the values obtain were nearly identical to values obtain from threshold tests of 500, and 10000. Therefore, they were removed.



Threshold tests of 250000 were also conducted on the Netflix data. However, due to the scale of the graph, 250000 and 150000 had the similar results on the graph, therefore, 250000 was removed from the graph. Increments of 75000 was used due to the size of the data.

Threshold of 5000 was used at the worst case scenario for the Netflix data because when attempting to test threshold of 2, and 100, all the RAM would be used and half of the swap was used. These tests ran for 3+ hours without finishing.

