

CSci 5523: Data Mining, Programming Assignment 1: Frequent Pattern Mining

Vivek Vaidyanathan,
ID: 5416749

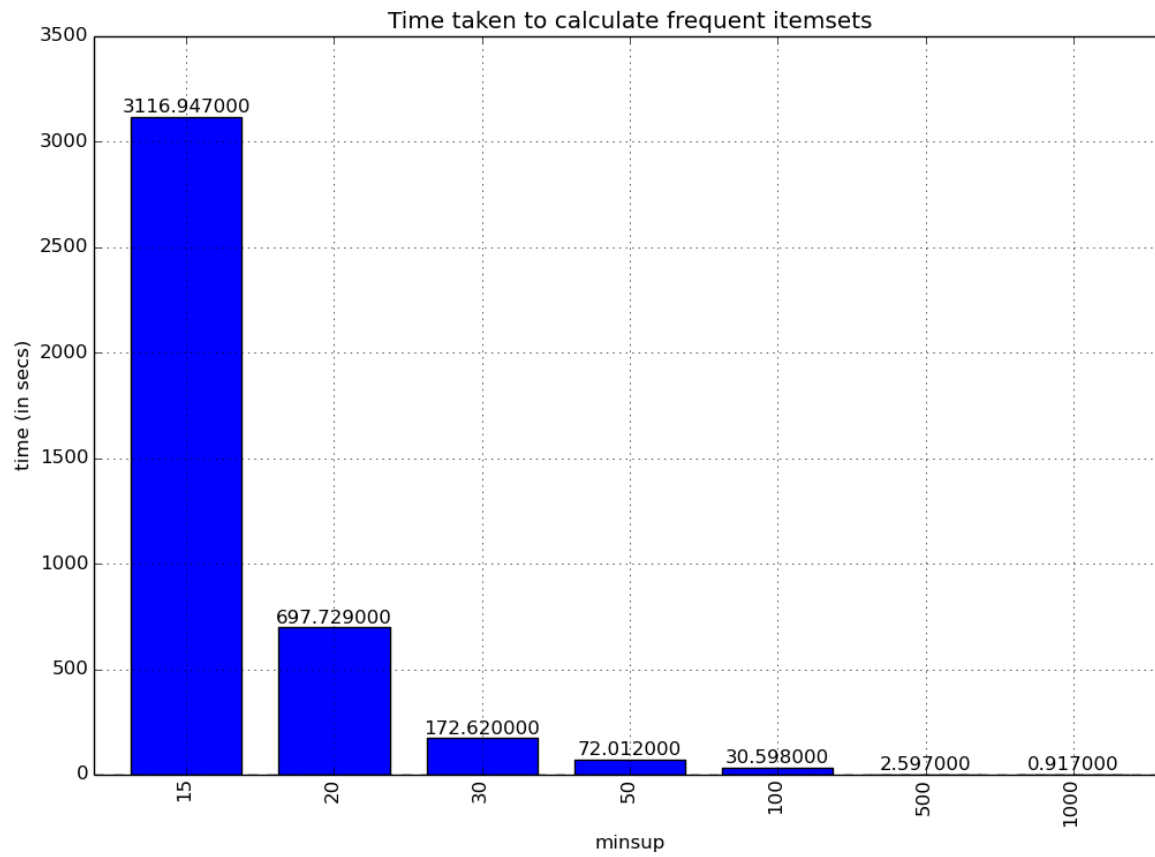
22nd October 2017

A Brief Summary of results

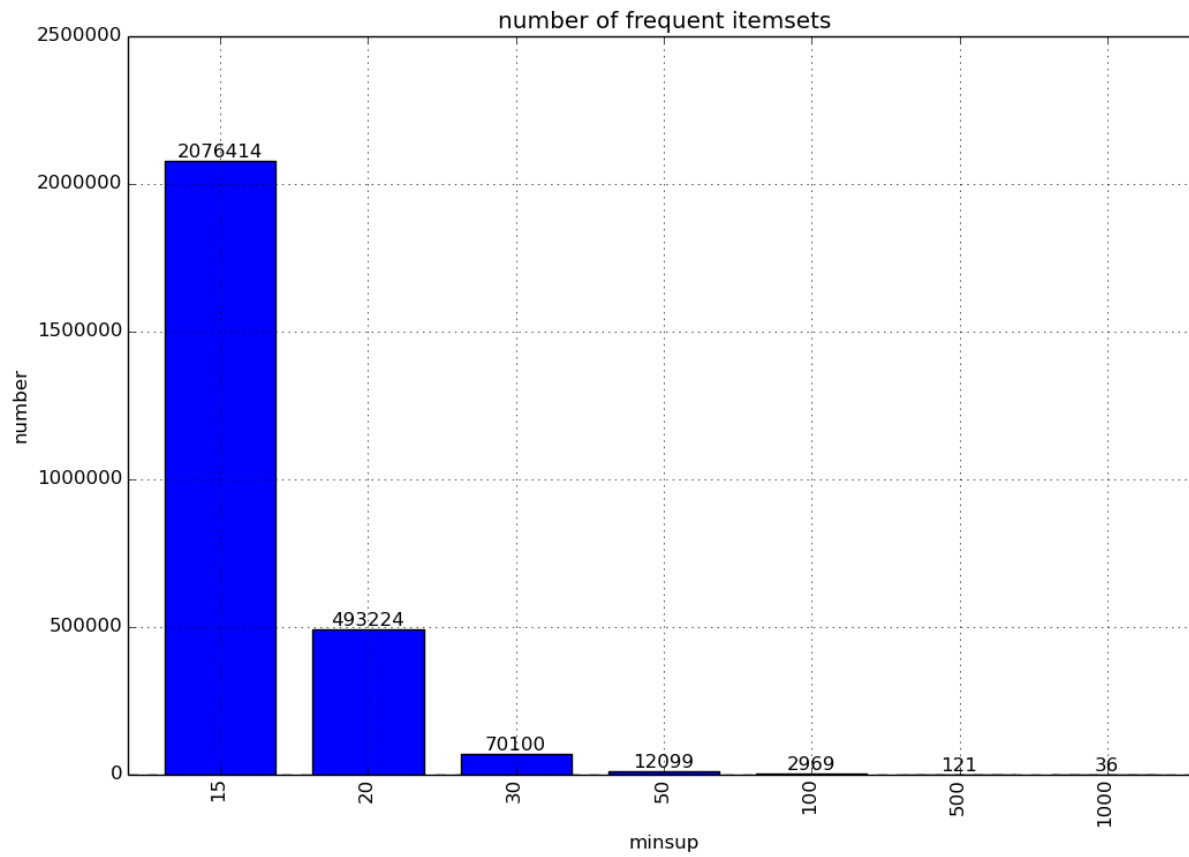
Itemset mining was keenly carried out for the **Inter** dataset.

minsup	minconf	Time for freq. itemsets (s)	No. freq. itemsets	Time for assoc. rules(s)	No. of rules
1000	0.8	1.055	36	0.003	2
1000	0.9	0.931	36	0.002	0
1000	0.95	0.917	36	0.002	0
500	0.8	2.597	121	0.004	3
500	0.9	2.57	121	0.003	0
500	0.95	2.601	121	0.003	0
100	0.8	30.231	2969	0.038	423
100	0.9	30.566	2969	0.038	40
100	0.95	30.598	2969	0.031	9
50	0.8	72.254	12099	0.085	4025
50	0.9	72.166	12099	0.078	1458
50	0.95	72.012	12099	0.075	642
30	0.8	172.62	70100	5.084	515780
30	0.9	175.042	70100	3.814	204300
30	0.95	178.384	70100	1.958	86542
20	-	697.729	493224	-	-
15	-	3116.947	2076414	-	-

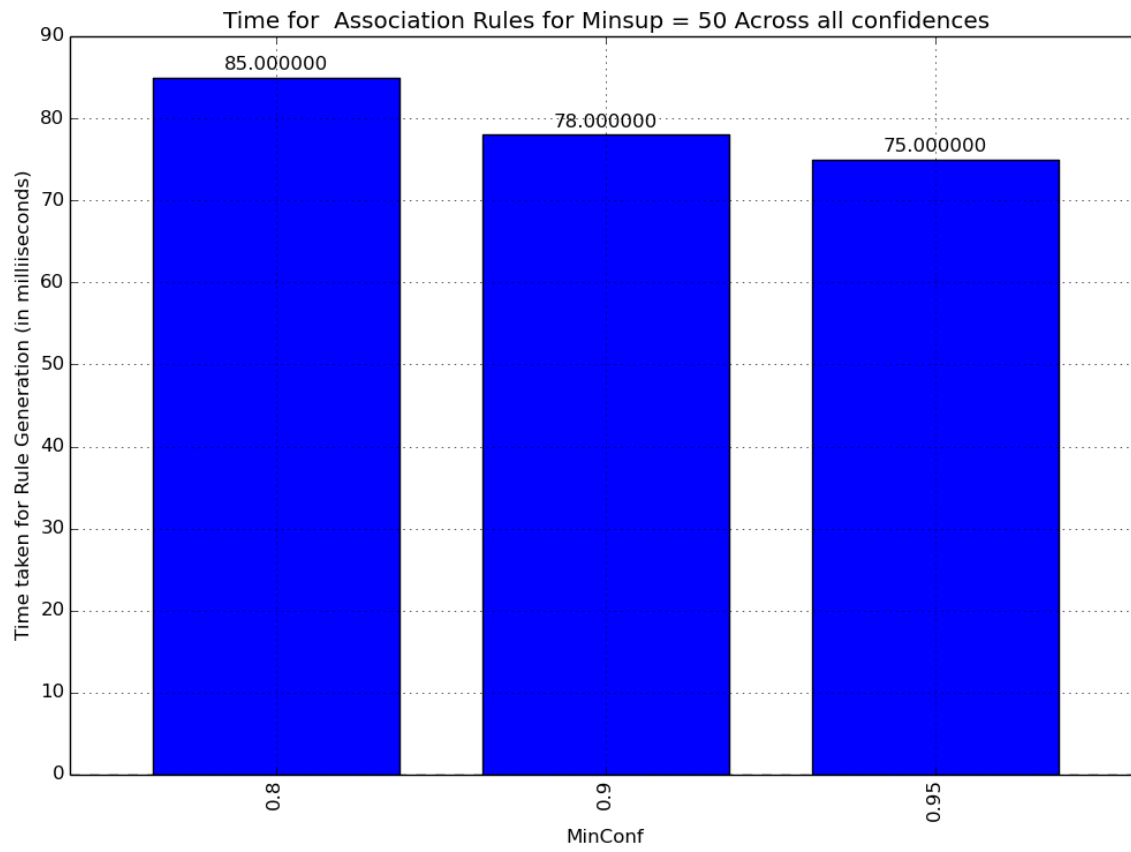
Graph1



Graph2



Graph3



Graph4

