Ryan Karl CSE-40647 Data Science Dr. Meng Jiang 17 November 2019

Homework 4 Solutions

Question 5 Solution:

Frequent Patterns List with support:

{[a]:8}

{[b]:7}

{[c]:6}

 $\{[d]:5\}$

{[e]:3}

{[a,b]:5}

 $\{[a,c]:4\}$

 $\{[a,d]:4\}$

 $\{[a,e]:2\}$

 $\{[b,c]:5\}$

{[b,d]:3}

 $\{[c,d]:3\}$

 $\{[c,e]:2\}$

([c,c].2)

 $\{[d,e]:2\}$

 $\{[a,d,e]:2\}$

 $\{[a,b,d]:2\}$

 $\{[a,b,c]:3\}$

 $\{[a,c,d]:2\}$

 $\{[b,c,d]:2\}$