**CST8390 - Lab 8 Answer Document**

**Association Rule**

**Lab 8 Answers**

3. attributes: 217 instances: 4627

4. Tea: 896 Coffee: 1094 Medicines: 204 Flowers: 0

6: 16 rules

7. lift: 1.27

Write rules with highest lift here (should be in the given format)

biscuits, frozen foods, fruit ==> bread and cake (conf: 0.92, lift: 1.27)

baking needs, biscuits, fruit ==> bread and cake (conf: 0.92, lift: 1.27)

baking needs, frozen foods, fruit ==> bread and cake (conf: 0.92, lift: 1.27)

biscuits, fruit, vegetables ==> bread and cake (conf: 0.92, lift: 1.27)

party snack foods, fruit ==> bread and cake (conf: 0.91, lift: 1.27)

8. lift: 1.3

Write rules with highest lift here (should be in the given format)

biscuits, frozen foods, party snack foods, fruit, vegetables ==> bread and cake (conf: 0.94, lift: 1.3)

biscuits, frozen foods, cheese, fruit ==> bread and cake (conf: 0.94, lift: 1.3)

biscuits, cheese, fruit, vegetables ==> bread and cake (conf: 0.93, lift: 1.3)

baking needs, biscuits, party snack foods, fruit ==> bread and cake (conf: 0.93, lift: 1.3)