**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)

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

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

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

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

5. 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)

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

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

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

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