

# EXPERIMENT 4

Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Associator  
Choose **FPGrowth**

Start Stop

Result list (right-click for...)

213536 - FPGrowth

Associator output

```

Scheme: weka.associations.FPGrowth -P 2 -I 1 -N 10 -T 0 -C 0.9 -D 0.05 -U 1.0 -M 0.1
Relation: supermarket
Instances: 4627
Attributes: 217

==== Run information ====
[lists of attributes omitted]

==== Associator model (full training set) ====
FPGrowth found 16 rules (displaying top 10)

1. [fruit=t, frozen foods=t, biscuit=t, total=high]: 708 => [bread and cake=t]: 723 <conf: (0.92) > lift: (1.27) lev: (0.03) conv: (3.35)
2. [fruit=t, baking needs=t, biscuit=t, total=high]: 760 => [bread and cake=t]: 636 <conf: (0.92) > lift: (1.27) lev: (0.03) conv: (3.28)
3. [fruit=t, baking needs=t, frozen foods=t, total=high]: 770 => [bread and cake=t]: 705 <conf: (0.92) > lift: (1.27) lev: (0.03) conv: (3.27)
4. [fruit=t, vegetables=t, biscuit=t, total=high]: 815 => [bread and cake=t]: 746 <conf: (0.92) > lift: (1.27) lev: (0.03) conv: (3.26)
5. [fruit=t, party snack foods=t, total=high]: 854 => [bread and cake=t]: 779 <conf: (0.91) > lift: (1.27) lev: (0.04) conv: (3.15)
6. [vegetables=t, frozen foods=t, biscuit=t, total=high]: 725 <conf: (0.91) > lift: (1.27) lev: (0.04) conv: (3.06)
7. [vegetables=t, baking needs=t, biscuits=t, total=high]: 772 => [bread and cake=t]: 701 <conf: (0.91) > lift: (1.26) lev: (0.03) conv: (3.01)
8. [fruit=t, biscuits=t, total=high]: 954 => [bread and cake=t]: 866 <conf: (0.91) > lift: (1.26) lev: (0.04) conv: (3)
9. [fruit=t, vegetables=t, frozen foods=t, total=high]: 834 => [bread and cake=t]: 757 <conf: (0.91) > lift: (1.26) lev: (0.03) conv: (3)
10. [fruit=t, frozen foods=t, total=high]: 969 => [bread and cake=t]: 877 <conf: (0.91) > lift: (1.26) lev: (0.04) conv: (2.92)

```

Status OK

Log x 0