# Lab Exercise 5: Association Rules

## Step 6

### Part 5

|  |  |  |  |
| --- | --- | --- | --- |
| Rule | Support | Confidence | Lift |
| {R-basics} => {Stat-intro} | 0.5714286 | 1 | 1.166667 |

## Step 8

### Part 1

Generated 5668 rules.

## Step 9

### Part 3

Generated 371 sub-rules.

### Part 5

Rules with high lift are as follow:

|  |  |  |  |
| --- | --- | --- | --- |
| Rule | Support | Confidence | Lift |
| {Instant food products, soda} => {hamburger meat} | 0.001220132 | 0.6315789 | 18.99565 |
| {soda, popcorn} => {salty snack} | 0.001220132 | 0.6315789 | 16.69779 |
| {flour, baking powder} => {sugar} | 0.001016777 | 0.5555556 | 16.40807 |