Experiment1.4

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Section: 905/A
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Subject Name: Data Mining Lab
Subject Code: 20CSP-376

1) Aim:

Demonstration of FP Growth algorithm on supermarket.

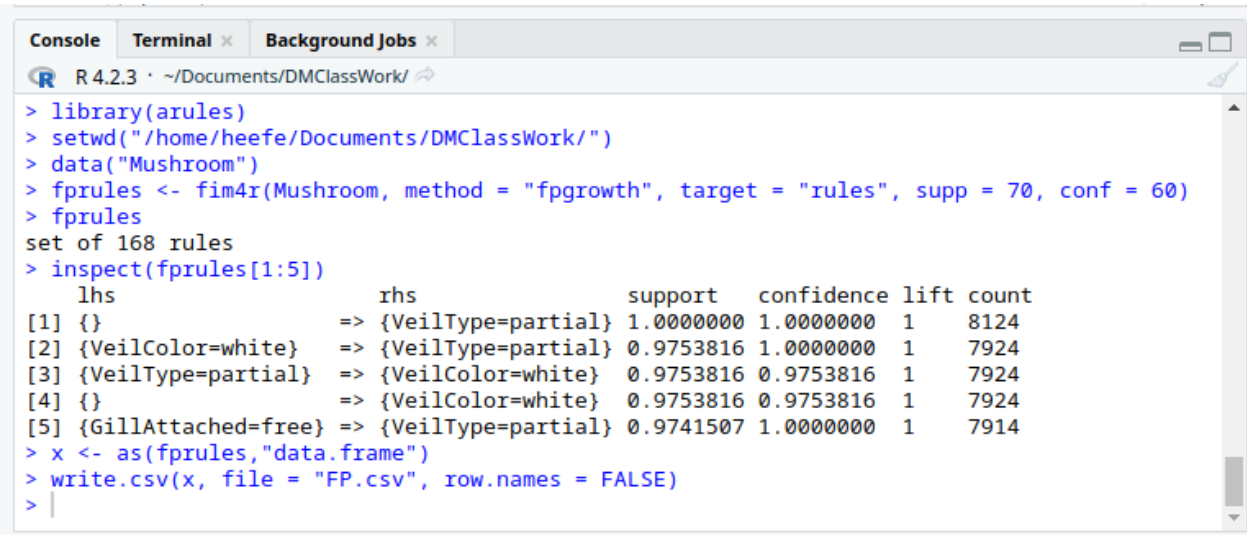
2) Objective:

Overcoming the disadvantages of apriori algorithm using fp-growth algorithm.

3) Code:

```
library(arules)

setwd("/home/heefe/Documents/DMClassWork/")

data("Mushroom")

fprules <- fim4r(Mushroom, method = "fpgrowth", target = "rules", supp = 70, conf = 60)

fprules

inspect(fprules[1:5])

x <- as(fprules,"data.frame")

write.csv(x, file = "FP.csv", row.names = FALSE)
```

4) Output:



CSV file created-