Experiment Title 4

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Semester: 6 **Subject Code: 20CSP-376**
Subject Name: Data Mining Lab **Date of Performance: 16-03-2023**

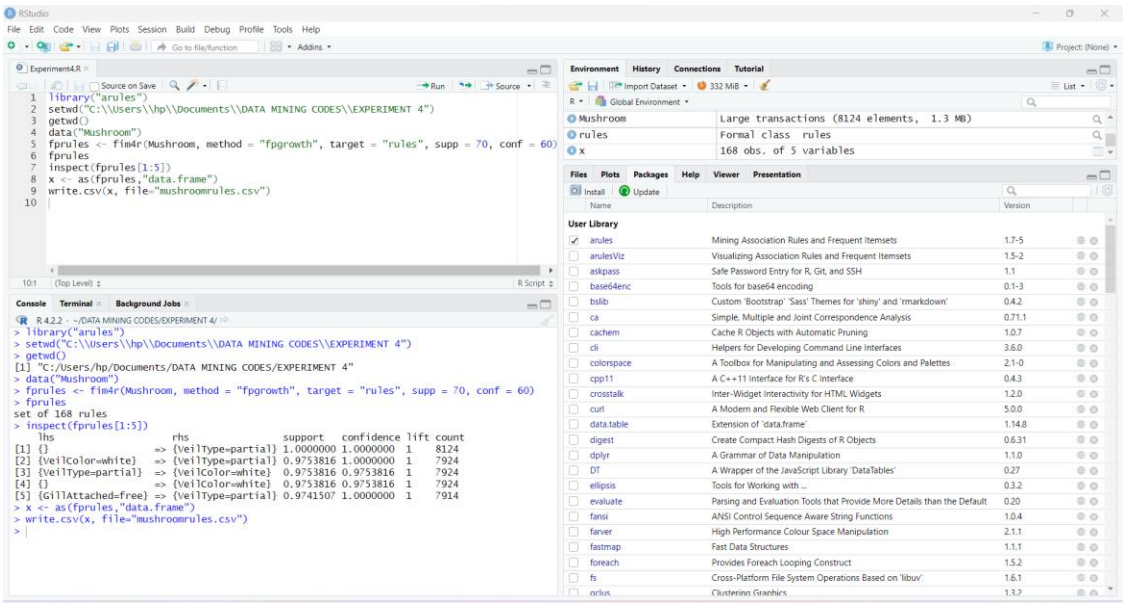
1. **Aim/Overview of the practical:** Demonstration of FP Growth algorithm on some dataset.

2. **Tools used:** RStudio and RWeka

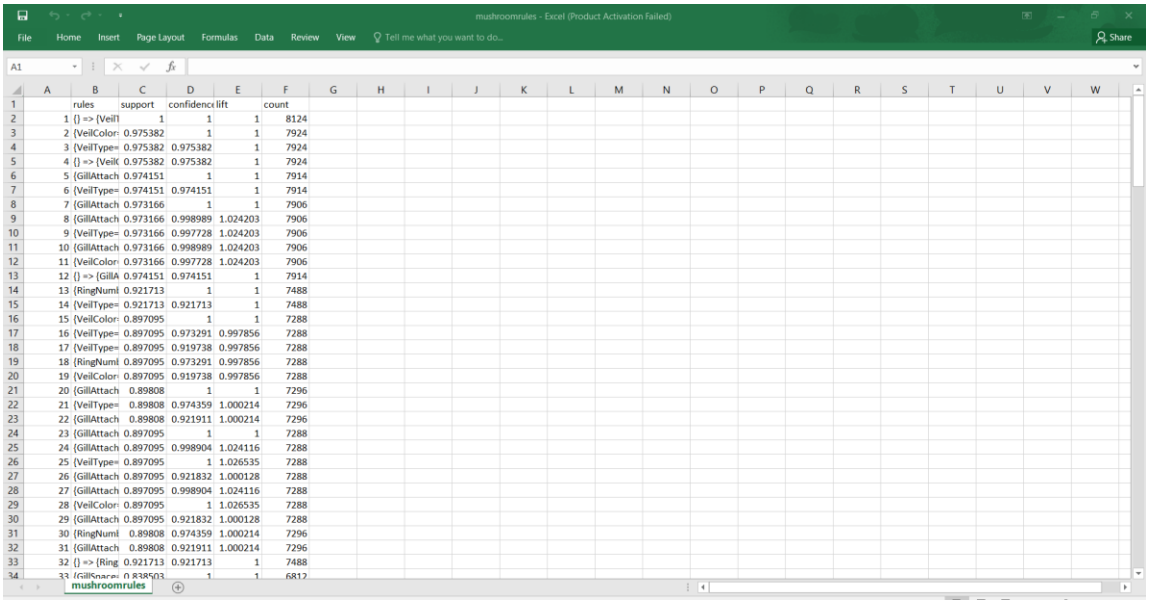
3. **Code:**

```
library("arules")
setwd("C:\\Users\\hp\\Documents\\DATA MINING
CODES\\EXPERIMENT 4")
getwd()
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="mushroomrules.csv")
```

4. **Output:**
   RStudio:



csv file:



5. Observation:

- Learnt how to use R and create a file in Rstudio.
- Learnt how to install packages in Rstudio.
- Learnt how to write data into csv file.
- Learnt how to load dataset in Rstudio.