# Install and load the arules package

install.packages("arules")

library(arules)

# Create a sample transaction dataset

transactions <- list(

c("pen", "paper", "book"),

c("pen", "book", "table"),

c("paper", "book"),

c("pen", "paper", "book"),

c("pen", "paper","table")

)

# Convert the transactions to a transaction object

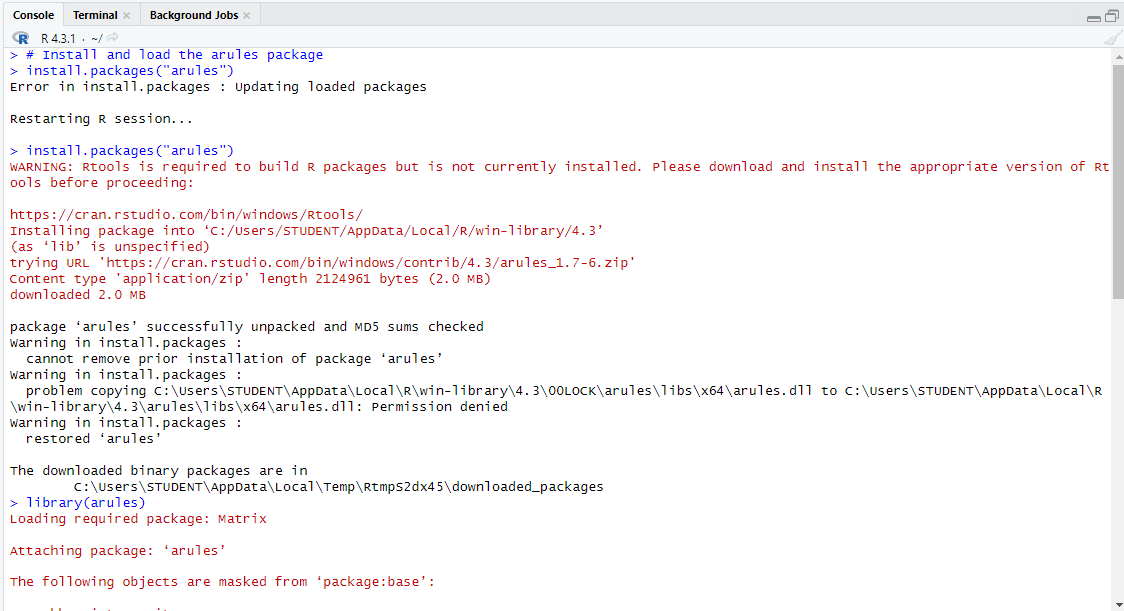
trans <- as (transactions, "transactions")

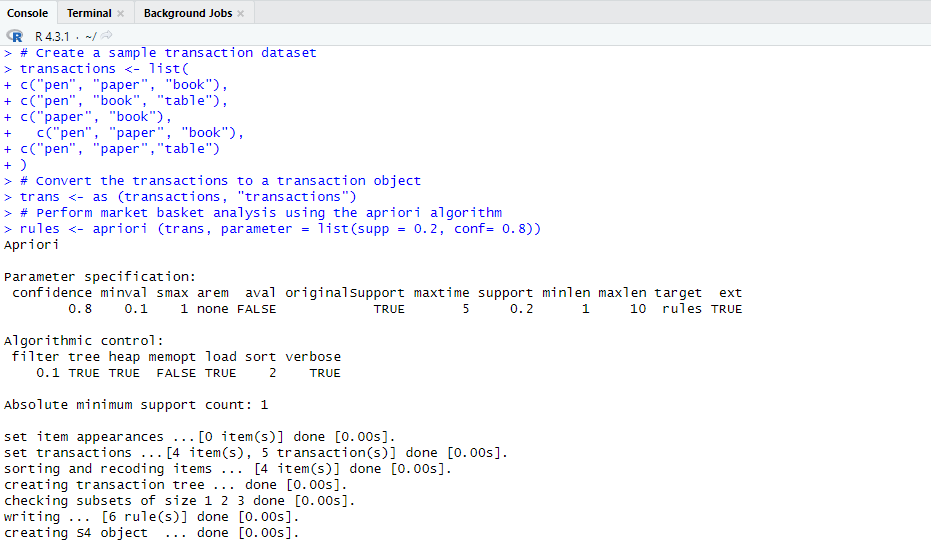
# Perform market basket analysis using the apriori algorithm

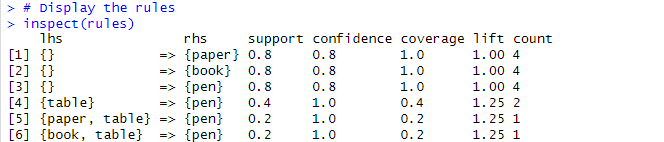
rules <- apriori (trans, parameter = list(supp = 0.2, conf= 0.8))

# Display the rules

inspect(rules)







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