Exercise 5-2: Association Analysis

# Introduction

You will practice deriving the frequent max patterns (itemsets) with a given dataset using the Apriori algorithm.

# Question

Given the following dataset that contains the transactions of items bought by customers of a grocery store, use the Apriori algorithm to compute the frequent max patterns (assuming min\_support = 2).

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| Transaction ID (TID) | Items |
| T100 | I1, I2, I5 |
| T200 | I2, I4 |
| T300 | I2, I3 |
| T400 | I1, I2, I4 |
| T500 | I1, I3 |
| T600 | I2, I3 |
| T700 | I1, I3 |
| T800 | I1, I2, I3, I5 |
| T900 | I1, I2, I3 |

## Answer:

The frequent max patterns are: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_