

Lab sheet N°11

Association Rules



Resources:

- **Mlxtend library:** [association_rules: Association rules generation from frequent itemsets](#)
- **Apriori algorithm:** [Apriori - mlxtend](#)
- **FP Growth algorithm:** [Fpgrowth - mlxtend](#)

Used dataset:

- Basket.csv
- Groceries data.csv

Lab parts:

Part 1: Guided notebooks (90 minutes)

- **File 1:** Association_rules.ipynb
- **File 2:** Apriori.ipynb
- **File 3:** FP Growth.ipynb

Part 2: Non-Guided notebooks (60 minutes)

- **File:** Association_rules_exercises.ipynb

Part 3: Supervision and questions about the project (30 minutes)