

Data Science amb Python

Sprint 17

S17 T01: Bases de dades relacionals

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Description

Learn to create a relational model and entity-relationship diagram.

Nivel 1

- Exercises 1

Create a sample relational database using a text or handwritten document. Design it to contain the following tables, and establish the relationships you deem necessary between them:

- Purchasing table (transactions)
- Table of establishments
- Table of workers
- Table of customers
- Table of products
- Product type table

Define the properties of the relationships (1: 1, 1: n, n: n), and create some of the variables that might contain, for example:

Table of establishments

- Establishment ID (single key)
- First name
- Location
- Surface

Nivel 2

- Exercises 2

Use an entity-relationship diagram creation program like <http://dia-installer.de> to create the diagram.

Hereunder you can see the database with the 6 tables requested and their respective relationships.



Nivel 3

- Exercise 3

Use the MySQL Workbench to create a relational model.

Follow below the relational model created in MySql Workbench



In []: