**Planning**

**Course Materials:**

* Store and retrieve data with sql (Data Analytics lv1)
* ERD (data modeling lv1)

**Sprint 1 goals:**

* A simple ERD with base entities, attributes, and relationships
* Create database and tables.
* Prepare data.
* Insert data using sql and test the data with simple sql queries.

**How to measure at the end of the sprint:**

* ERD diagram – with the following characters
  + Expressive: rich in concepts permitting a more comprehensive representation
  + Simple: easy to understand
  + Minimal: every concept has a distinct meaning and cannot be accomplished with other concept
  + Formal: All concepts have a unique, precise, well-defined interpretation
* Database & tables created in MySQL – show sql query.
* Data preparation – show csv data for each entities (challenge: create data base on business rules and make them unique)
* SQL queries to insert data and show table contents; sql queries to test the data, outputs