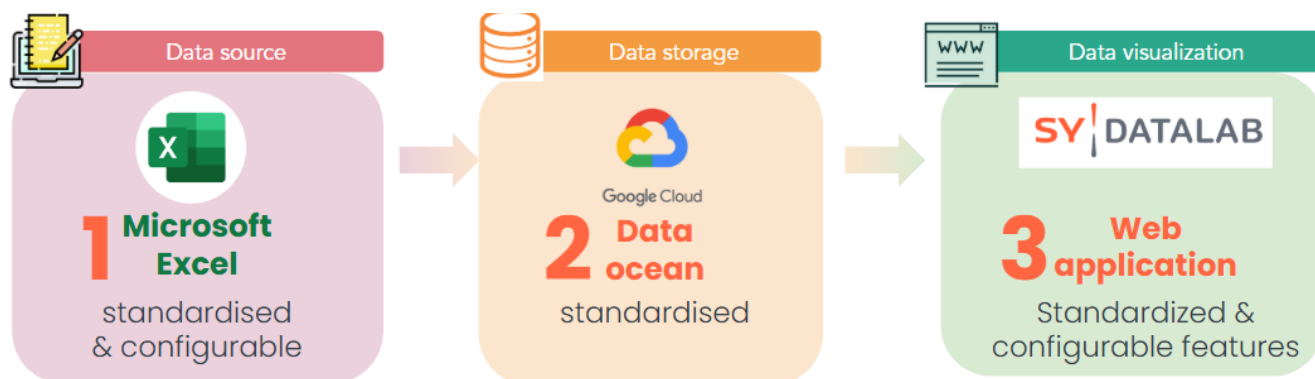


Technically, how does it work?



1. Data Source

Data can come from different sources:

- IDBS ELN: through ELN spreadsheets or Excel files
- Labware LIMS
- GSheets (for very specific needs)
- Instruments - LabPC servers

The user is imputing data in the data source in a **standardized** format defined with Lab Booster team.
A **generic pipeline** is analyzing those files in order to retrieve the data.

This generic pipeline developed once and reusable for all workflows/files.

2. Data Storage

The data that is retrieved is stored in the **Data Ocean**.

The Data Ocean is a **standardized database** enabling to store the data in different tables depending on their business nature.
All data from all workflows/markets are all together in the same Data Ocean.

3. Data Visualization

The Data Ocean is connected to **SyDatalab**: a **standardized** and **configurable** web application developed **in-house**.
SyDatalab is configurable, meaning all features are developed once only and available to all users.