

Redesign with Tableau - Practice 8

Objectives

1. Apply graphical integrity principles
2. Familiarize yourself with Tableau Desktop

Tool

- Tableau Desktop

Exercise

- Create an Excel file starting from the one used during the previous practice:
 - keep only the data tables (one per sheet);
 - remove blank rows;
 - ensure the first row is the header;
 - fix any incorrect data formats.
- Start Tableau Desktop and add a connection to the new Excel file.
- Try to load the table about the financial portfolio from the first sheet.
- Identify which columns can be considered dimensions and which measures.
- Construct the associated visualization by specifying the rows and the columns.
- If needed, sort the axes and create marks or filters.
- Repeat these steps for all the visualizations analyzed during the previous practice.

How to install Tableau

- Download Tableau Desktop from <https://www.tableau.com/tft/activation>
- Use the class license or request a personal license to continue using Tableau after the course is over.

How to request a personal license

- **Note:** You usually do not need a personal license; use the course or lab license instead.
- Request a personal license from <https://www.tableau.com/academic/students#form>
- For the email address, use your @studenti.polito.it account.
- You are then required to upload a document to demonstrate that you are a student: on the *Portale della Didattica* create a new self-certification with the sections *Carriera* and *Storico Carriera*.
- In a few days, you will receive an email with the license.