



## 2021/2022 Exercise PBI - 2

- 1. The database finance02 has the following tables:
  - I. Sales
  - II. Product
  - III. Country
  - IV. Segment
  - V. Discount
- 2. Open PowerBI and Get Data, selecting the appropriate option
- 3. Verify if data is OK and then load data
- 4. Select each column and verify data type and format in modelling option.
  - I. Use data category Country/region in the adequate field
  - II. Format values, using Currency format and selecting euro.
- 5. Create a column for Total Sales (ignoring discounts)
- 6. Create two pages including the following visualizations:
  - I. Total Sales Units per product, Total Sales per product, Geographic distribution of Total Sales Unit, Filter by Product
  - II. Evolution of sales and quantities, Sales, and quantity over time for each product, KPI for quantity, Gauge for Quantity.
- 7. Create new columns in the table Sales:
  - I. Unit Cost
  - II. Total Cost
  - III. Discount rate
  - IV. Total Sales
  - V. Profit
- 8. In the report create the most appropriate charts.
  - I. Sales by product
  - II. Profit by product
  - III. Product sales by each country
  - IV. Profit across total sales and total costs
  - V. KPI Profit/time