



2022/2023

Exercise PBI - 3

1. The excel document MagicThing.xlsx has the following worksheets:
 - I. Orders
 - II. Customer
 - III. Product
2. Open PowerBI and Get Data, selecting the appropriate option
3. Verify if the data is OK and then load the data.
4. Select each column and verify the data type and format in the modeling option.
 - I. Format values, using Currency format and selecting euro.
5. Create a new table for the date
6. Create a new table called BackMagicStore, including all orders corresponding to Black Magic
7. Create a new column, "Customer Type", including "Gold" and "Silver" (gold if total sales >100000)
8. Create new columns in the table Order:
 - I. Unit Cost
 - II. Total Cost
 - III. Discount rate (1% for silver clients and 5% for gold clients)
 - IV. Total Sales
 - V. Profit
9. In the report, create the most appropriate charts.
 - I. Sales by product
 - II. Profit by product
 - III. Sales by Client
 - IV. Profit by client
 - V. Evolution of profit
 - VI. Evolution of Sales
 - VII. Evolution of sales and product
 - VIII. Profit across total sales and total costs
 - IX. KPI Profit/time