



2021/2022

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 data is OK and then load data
4. Select each column and verify data type and format in modelling option.
 - I. Format values, using Currency format and selecting euro.
5. Create new table for date
6. Create new table called BackMagicStore including all orders corresponding to Black Magic
7. Create 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 ans product
 - VIII. Profit across total sales and total costs
 - IX. KPI Profit/time