Data Processing and Visualization (P02)

DECISION SUPPORT SYSTEMS, 2021-22

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# Introduction

The goal of this project is the development of a data processing and visualization software solution, that provide us information about the data from Adventure works, such as: sales information, customers, products, etc.

In this project we have done data preparation, measures and columns that we thought necessary to perform the data presentation. These measures and columns were created so that we could create several dashboards in Power BI, since this allows us to show data in a better way.

# Data acquisition and preparation

<<Describe the connections made to the data sources and the major data cleaning and preparation tasks performed.>>

# Data modelling and processing

<<Present the definition/refinement of the relationships between tables, the creation of hierarchies and the definition of columns and calculated measures, including other relevant data preparation/calculation operations not mentioned in the previous point.>>

# Data visualization

<<Identify the goals of the dashboards and the profile of their end users. Add screenshot of the dashboards, a short description of the dashboards and other relevant elements, e.g., slicers, KPIs, influencers, etc.>>

# Conclusion

With the completion of this work, we have gained a better understanding of what can be done when analytical processing and data visualisation is required and how this will be useful in future projects. When put into practice we have a much greater notion of what can be done at a professional level.