Data Visualization

(Microsoft Power BI)

Subject: **Data Mining**

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Data Visualization

It is a technique to represent data in graphical concepts such as maps, chart, animation... for better understanding on the complex data.

Microsoft Power BI

A tool for non-technical and technical to represent their data by drag and drop with the visualization models that are satisfying with the need.

As the definition from website, it is the tool that connect to or visualize data using the scalable, unified for self-service or enterprise business intelligence.

Benefits of Power BI

- Easy to use and spend less time to quickly visualize the data especially the automation features
- Having end-to-end data encryption
- Easy to collaborate for team work process
- Extensive data connectors
- Easy to connect with Microsoft software tools ecosystem

Disadvantages of Power BI

- A bit expensive for individual use case
- Need to pay more if there is not enough storage

Demo of Power BI

Shipment data in European countries that help to visualize the maps on Power BI in the easiest by indicating the name or the column and filtering.

References

[1] https://powerbi.microsoft.com/en-us/ (Accessed 9 May 2022)
[2] https://www.superdatascience.com/pages/powerbi (Accessed 9 May 2022)