

ANALYZING VACCINES STOCKS CONSUMPTION.

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CONTEXT

Given the data from the "stock-es-par-region" and "departement-region" csv files, we Imagine ourselves in a situation where the government of France subsidized different types of vaccines in all the health facilities of the divisions (departments) of her regions. The numbers of doses of vaccines consumed or administered per division were recorded at the level of health facilities and consolidated in the two files given above. We want to help the Government to analyze the consumption of these subsidized vaccines

Requirements

Statisticians of the government want to easily answer the following questions

- The number of doses administered for a given region, department, year or month, or for any combination of any of the above
- The highest administered vaccines over years
- The region with highest vaccines consumption over years
- The most consumed Vaccines
- The behavior of stock consumption geographically and temporally (and for any given member of each of the two dimension)

1. DATA WAREHOUSING

Having studied the activity and the requirements of the government, come out with an appropriate data warehouse model to fulfill her requirements.

1. DATA INTEGRATION

Use Power BI to extract and transform the data from the two csv file.
Make sure your transformation process structures your data to adhere to your Datawarehouse model.

1. Analysis and Reporting

Finally, meet up all the analysis demands of statisticians by using Power BI analysis and reporting tools.

GOOD LUCK