

For my report, I will present this as a Data Scientist and I'm presenting to the executive team of a global meat trading company.

Data Storytelling impact:

The goal of the report/dashboard is to provide insights into meat transactions between countries and highlight key trends, such as export/import volumes and revenue. The communication impact is to enable the executive team to make informed decisions related to trade agreements, budget allocations, and meat quality control.

Structure of the report/dashboard for total meat volume by day and by sender/reciever:

Explanation of Visualizations:

Bar Chart of Export/Import Volumes:

Use a stacked column chart to compare the total revenue for each country, where each column represents a country, and the stacked segments represent the contributions from the sender and receiver. This visualization allows for easy comparison of revenue across countries.

This visualization helps identify the countries with the highest and lowest volumes of trade, allowing for trade strategy decisions.

Line Chart:

Choosing a line chart to show the revenue trend over time. This visualization helps identify revenue fluctuations and potential growth opportunities.

Table of Top/Bottom revenue by sender:

This visualization allows for easy comparison and identification of the best and worst performers.

KPI Visual:

This visualization provides a concise representation of the overall discounted revenue and is suitable for highlighting a specific metric.

To answer which countries have exported and imported the lowest and highest volumes of meat throughout the period we can see in below table that 521 is the lowest volume exported and all countries have exported this low and almost everyday looking at the bottom chart which is a selection of days.

To look at the total volume, the lowest exported country is China, and the highest volume is Sweden.

Total Meat Volume drop-down selection

All

- ☐ Select all
- ☐ 521
- ☐ 658
- ☐ 788
- ☐ 1042
- ☐ 1179
- ☐ 1203

Total Meat Volume	Sender
3637661	China
3640260	Canada
3665439	Georgia
3676617	Zimbabwe
3679503	Vietnam
3681866	Ecuador
3682950	Egypt
3683614	Japan
3686234	Germany
3689506	Iceland
3700198	France
3702652	Bulgaria
3708610	Sweden

Day Number	Bulgaria	Canada	China	Ecuador	Egypt	France	Georgia	Germany	Iceland	Japan	Sweden	Vietnam	Zimbabwe	Total
1			521	1042	521			521		1042	521			4168
2		521	521	521		521		1042			521		521	4168
3			521	521		521		1042	1042	521		521		5210
4			1563	521	1042				521		1042	521		5731
5		521	521	521	521	1042	521		521	521	521		1563	6773
6		521	521		521				1042	1042			521	4168
7			521	521	521		1042			1042	521	1563	1042	8336
8		1563			521		521					1042	521	4168
9			521		521	521	521			1042	521	1563		6252
10				2084			521	521		1563				4689
11		521	521		521	521		1042		1563	521	1042	1042	8336
12		1042	521	521	521		521			1042	1563	1042	1042	8336