

SPRINT 1 >>>>>>

Structuring Foreign Trade Data and Tariff Impact Analysis

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The Team



DANILO HENRIQUE
GINO
TEAM MEMBER



EDLAINE APARECIDA
MARCOS
TEAM MEMBER



LUCAS SERAFIM
TEAM MEMBER



MARIA CLARA
DEMETRIO
SCRUM MASTER



MÁRIO DE OLIVEIRA
PRODUCT OWNER

Project Objective

The objective of this project is to develop a BI platform that enables the visualization of information on the performance of Brazilian states and municipalities in the State of São Paulo in foreign trade, based on open data from the Ministry of Development, Industry, Trade, and Services. This tool will provide decision-makers with clear and accessible data, allowing the identification of municipalities that are rising, stagnating, or declining in the international market.



Sprint Backlog

Sprint 1 - Focus on initial diagnosis

User Story

As a public decision-maker, I want the collected data to undergo initial cleaning in programming languages to ensure consistency in the dashboard.

As a public decision-maker, I want to compare the commercial performance of São Paulo municipalities with their neighbors to identify regional strengths and weaknesses.

As a public decision-maker, I want to identify emerging international markets to guide export incentive policies.

Sprint Backlog

As a public decision-maker, I want to segment by State and São Paulo Municipality to access detailed information (main loads, export/import ranking, historical evolution).

As a public decision-maker, I want to evaluate the impact of tariff policies to understand the risks and opportunities of regulatory changes.

As a public decision-maker, I want all data to be delivered in English so that it can be used in international reports.

Sprint Results

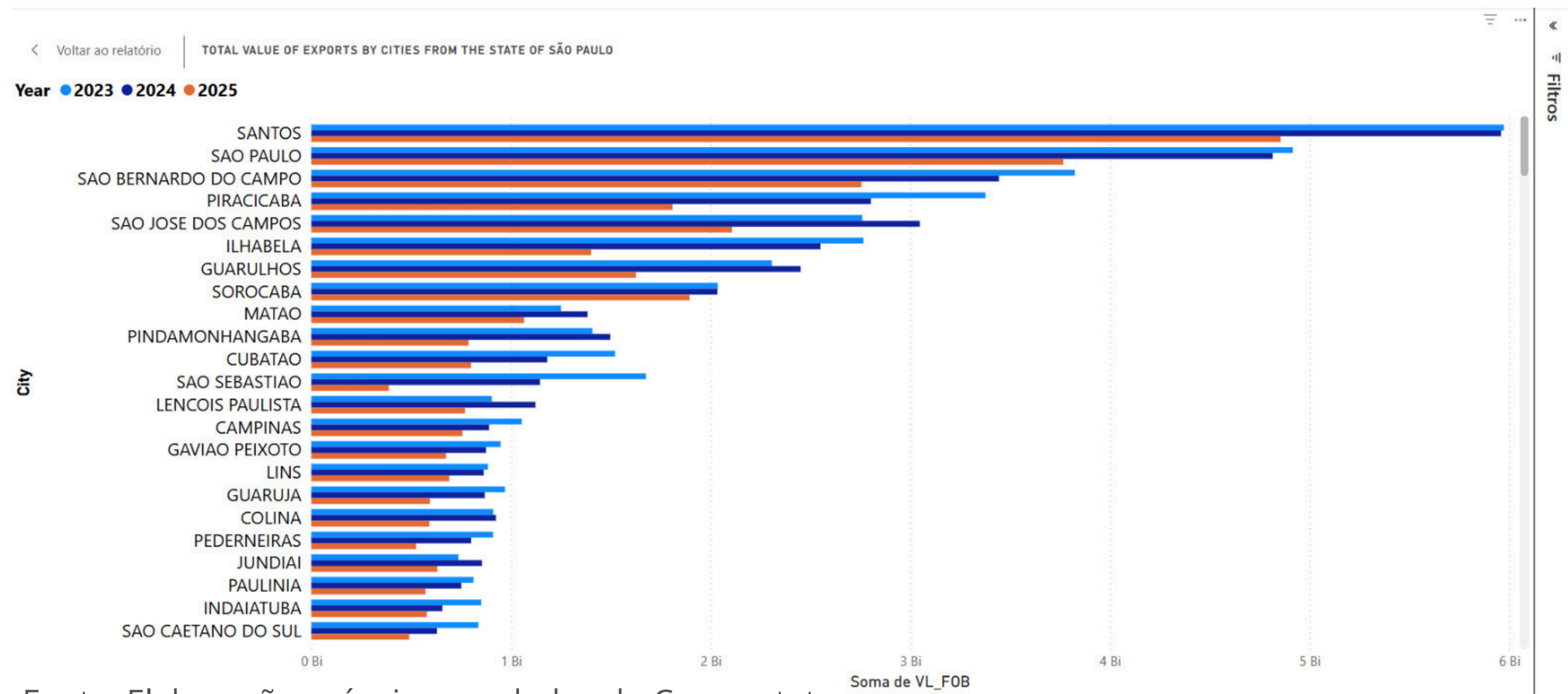
- Delivery of Commercial Strategic Diagnostic and Segmented Database (technical & strategic foundation).
- Clean, structured database from import/export data.
- Detailed segmentation by São Paulo municipalities, including trade ranking.



Sprint Results

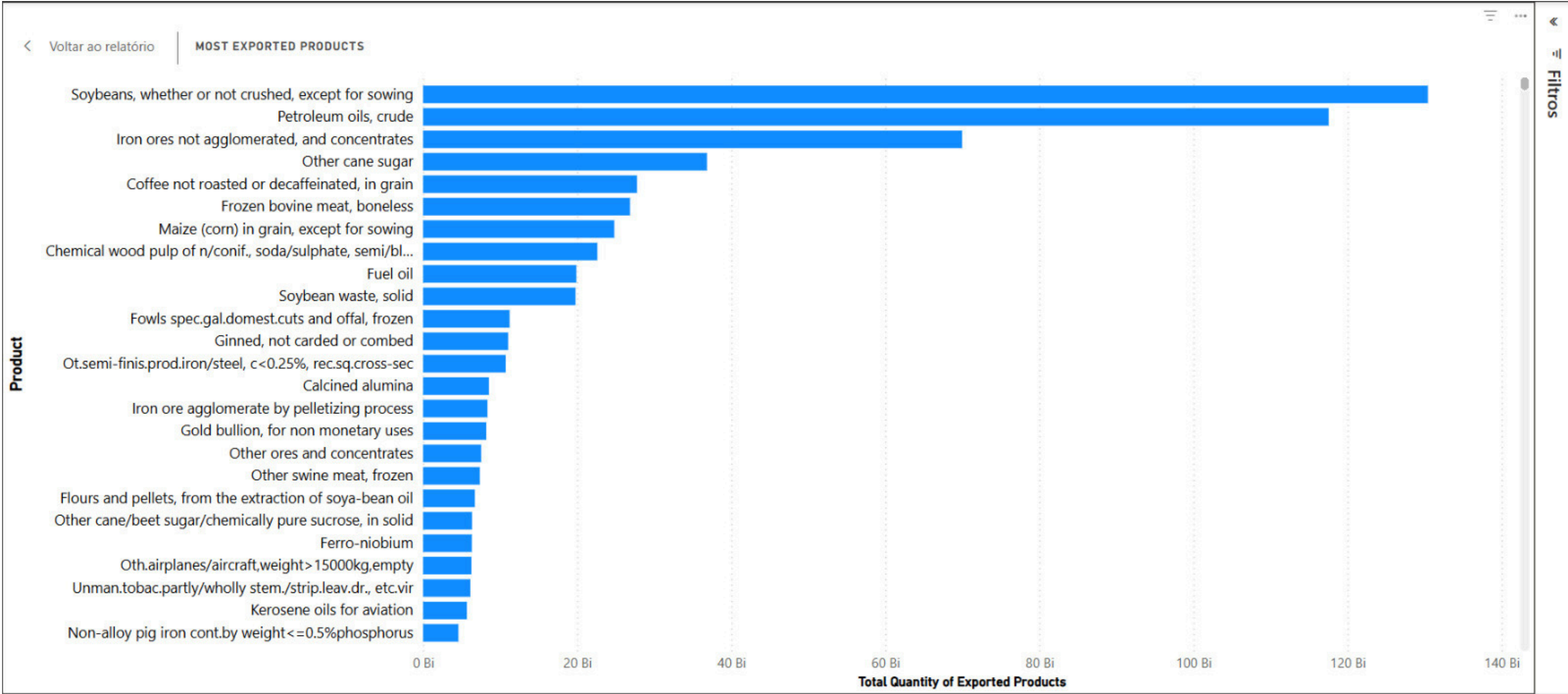
- Identification of emerging international markets.
- Qualitative analysis (2023–2025): global tariffs & domestic regulations.
- Main risk: loss of competitiveness due to global protectionism.
- Opportunity: fast adoption of reforms (DUIMP/Single Window) → lower “Brazil Cost.”

Sprint Results



Fonte: Elaboração própria com dados do Comexstat

Sprint Results



Fonte: Elaboração própria com dados do Comexstat

Sprint Results

The complete solution was documented and published in our GitHub repository.

<https://github.com/mariademet/API-Grupo-3>

Reference

Comex Stat: Sistema para consulta e divulgação de estatísticas de comércio exterior.

(<https://comexstat.mdic.gov.br/pt/home>)

Fecomercio SP e CNI: Análises sobre o impacto das tarifas internacionais e custo Brasil.

(<https://www.fecomercio.com.br>)

Portal Gov.br (MDIC/SECEX): Notícias e atos normativos sobre DUIMP, Portal Único e decisões da CAMEX/Gecex.

Questions????



Thank you for your attention!
