DASHBOARD FREIGHT COST

POWER BI, DAX, SAP, SQL, EXCEL

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Professional Profile

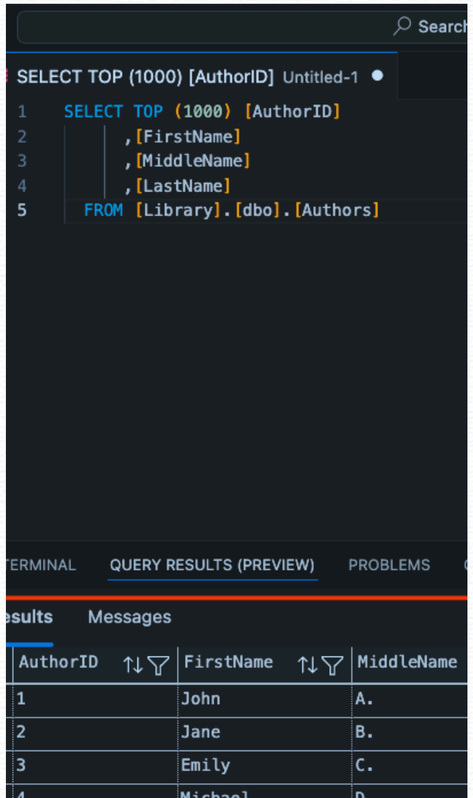
Turning logistics data into smart decisions

I’m a Data Analyst with solid experience in logistics, cost control, and operational KPIs.

Specialized in Power BI, DAX, SQL, Excel, and SAP, I develop solutions that turn raw data into strategic decisions.

I have an analytical mindset, focus on automation, and always aim to deliver practical value to the business.

Currently working at Ciplan Cimento, I’m also completing my degree in Computer Science.



Methodology

01 Data Preparation and Modeling

The data was extracted from SAP and processed using SQL and Excel to standardize fields, adjust units, and identify inconsistencies.

Then, the data was modeled in Power BI using a star schema structure, with a customized calendar table, optimized relationships, and dimension filters by state (UF), cargo type, and year/month.

02 Metric Development and Visualizations

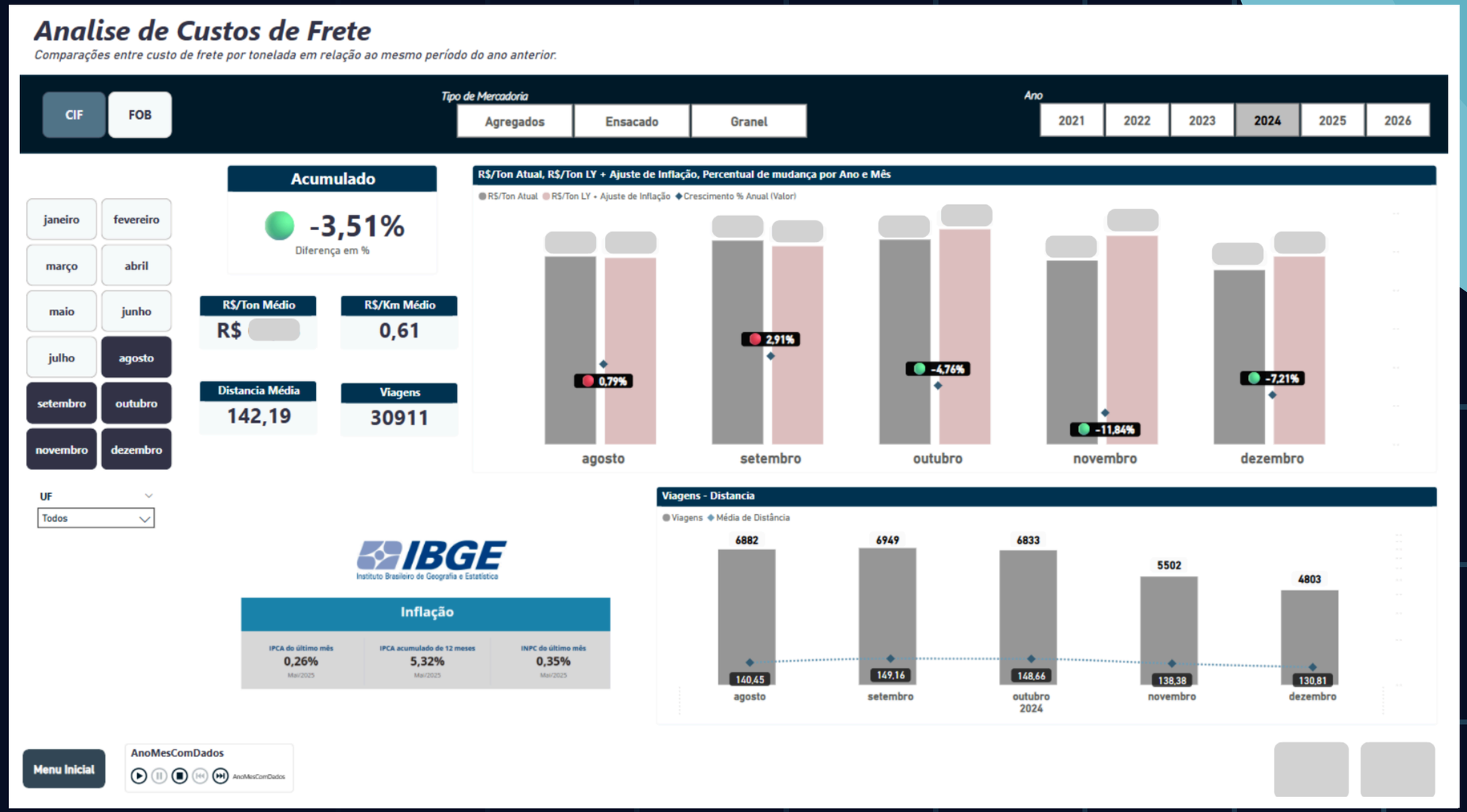
The main metrics were developed in DAX, including comparisons between current cost and the adjusted value from the previous year (inflation or 5%).

These calculations were implemented directly in the visuals, with emphasis on percentage variations, dynamic monthly averages, and freight type (CIF/FOB).

The interface was designed to support strategic analysis during decision-making meetings.

Freight Cost Dashboard

- Power BI
- DAX
- SAP
- SQL
- EXCEL



Some data has been hidden to preserve company confidentiality.

Insights and Results

Challenge

The company lacked a practical and reliable way to monitor whether freight adjustments were within the established targets (inflation or +5%). Analyses were sporadic and disconnected from actual cost per ton data, making efficient management difficult.

Action

I developed a Power BI dashboard integrating data extracted from SAP and processed using SQL and Excel. The solution used a custom calendar table, DAX measures to calculate the adjusted benchmark, and segmentations by freight type, month, and state (UF).
The visuals were optimized to support easy month-over-month comparison.

Result

The company gained clear visibility into real performance versus targets. We quickly identified routes that were harming margins and took specific actions.
In November, for example, the average cost was 11.84% below the benchmark, strengthening the logistics control strategy.

Contact and Closing

If you're interested in this project or would like to discuss data, logistics, automation, or Power BI solutions, I’d be happy to exchange ideas and build new solutions together.

CONTACTS

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