



Otimização por Método  
de Transportes;  
Redução de custo  
logístico de distribuição.



ESPHERA LOGTECH

# Integrantes



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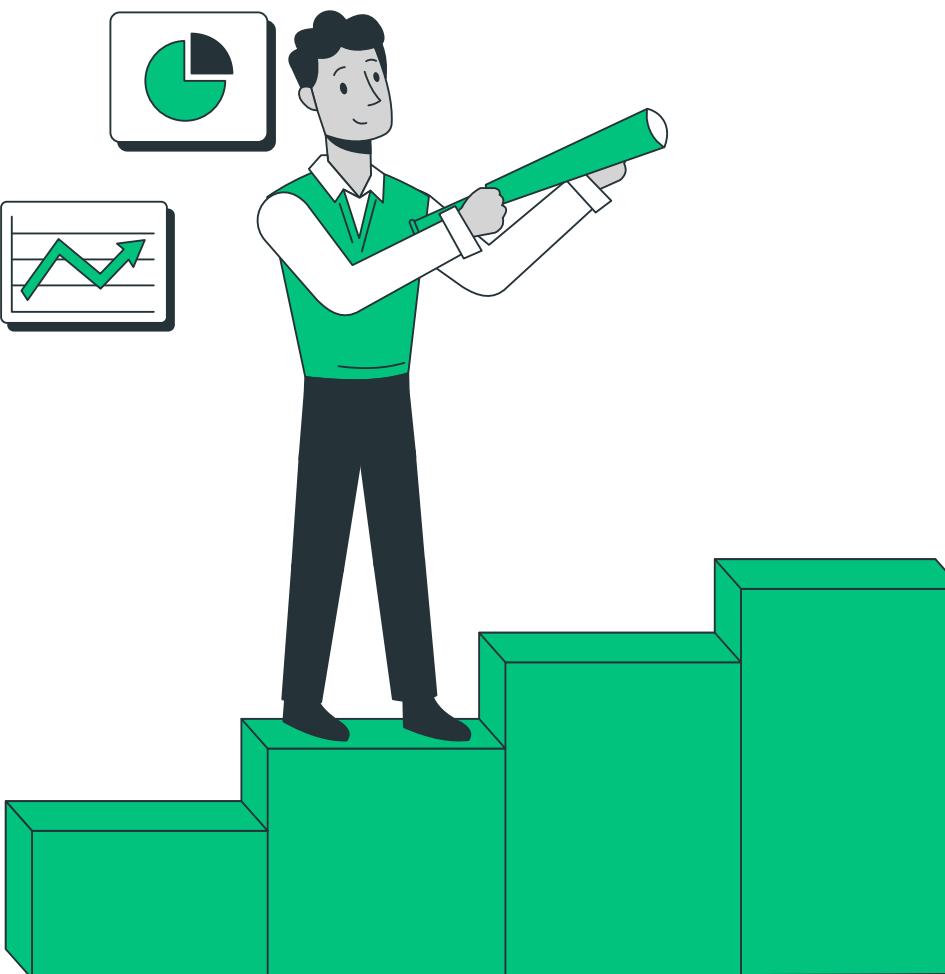


**Fagner Santos**



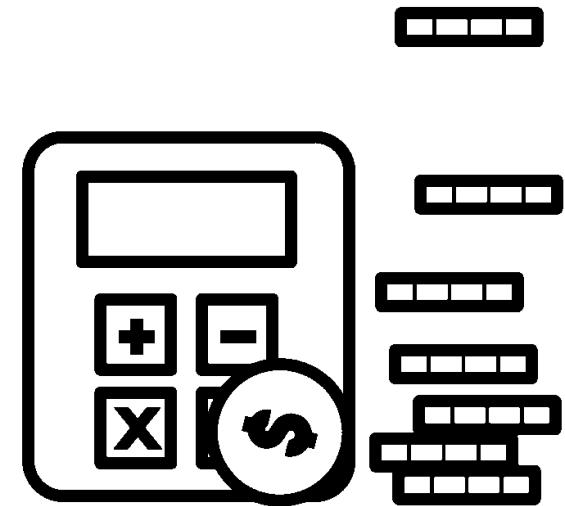
# Objetivo do projeto

Desenvolver uma solução de roteirização otimizada para os caminhões de entrega de uma cervejaria.



Analizar dados logísticos relacionados a **frete, fábricas, volumes transportados e capacidades de carga**.

Identificar oportunidades mais eficientes que reduzam custos e garantam o atendimento adequado, contribuindo para o melhor planejamento logístico da empresa.



# User Stories

Rank	Priority	User Story	Estimate	Sprint	Partner Requirement
1	High	As a logistics operations manager, I want a complete project plan, initial data analysis, and clear communication to ensure effective monitoring and delivery of results.	10	1	3
2	High	As a logistics operations manager, I want to analyze initial data and visualize a draft of the final delivery to ensure predictability and control of the project.	8	1	4
3	Medium	As a logistics operations manager, I want the tools used to be intuitive and easy to use, so that I can visualize the results clearly.	3	1	2
4	Medium	As a logistics operations manager, I want an error report of the data to improve and better understand the information.	8	2	2
5	High	As a logistics operations manager, I want to view filtered data and an initial BI model to validate information and improve decision-making.	15	2	4
6	High	As a logistics operations manager, I want to analyze vehicle productivity and capacity to understand cost scenarios and optimize operations.	10	2	3
7	High	As a logistics operations manager, I want a visualization of my 2023 logistics scenario to better understand my costs, lead time, and statistics.	8	2	3
8	Medium	As a logistics operations manager, I want the main customers in terms of demand to learn more about my audience and develop more targeted strategies.	5	2	2
9	High	As a logistics operations manager, I want a statistical study of lead time and a mathematical modeling to improve operational efficiency.	8	3	2
10	High	As a logistics operations manager, I want a functional Power BI dashboard with all the requested information and an analysis of past scenarios to optimize processes and reduce costs.	12	3	5
11	Medium	As a logistics operations manager, I want a plan for organization and continuous improvement to ensure enhancements and growth.	5	4	2



The screenshot shows the homepage of the ESPHERA LOGTECH website. At the top left is the company logo, a stylized globe icon. Below it, the text "«« ESPHERA LOGTECH »»" is displayed. In the center, the word "WELCOME" is followed by "ESPHERA". On the left side, there are two sections: "Who we are?" and "Index", each preceded by a small icon. The "Who we are?" section contains the quote "Connecting the World!" and a detailed paragraph about the company's mission and approach. The "Index" section is listed below.

«« ESPHERA LOGTECH »»

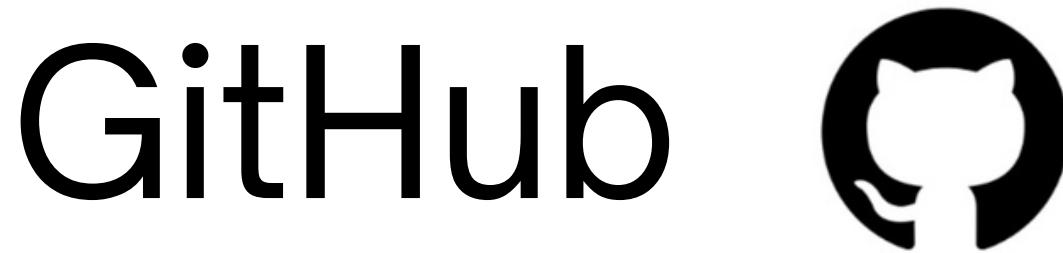
WELCOME ESPHERA

Who we are?

"Connecting the World!"

Welcome ESPHERA LOGTECH, where we connect the world with intelligent and agile logistics solutions. Our mission as a group of students is to integrate technology and planning to efficiently and safely meet the needs of each client. With an innovative approach, we transform the routing sector, driving global mobility with precision and excellence.

Index



- **Tudo sobre a empresa;**
- **Estratégias;**
- **Integrantes**



# RESULTADOS FINAIS

## RESUMO 2023

R\$ 25,48 Mi

VALOR  
GASTO

82 Mi

QUANTIDADE  
TRANSPORTADA

39,52 Mil

QTD.  
PEDIOS

R\$ 18,97 Mi

REDUÇÃO

25,56 %

ECONOMIA

R\$ 6,51 Mi





We thanks for  
your attention!

