**LISBOA SCHOOL OF ECONOMICS & MANAGEMENT**

**Individual Project**

Navigating Lisbon: Unveiling the Best Carris Espaço Navegante through Data Exploration

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Obraz zawierający tekst

Opis wygenerowany automatycznie

**Abstract**

Contents

[1 Introduction 4](#_Toc161606666)

[1.1 Research Question 4](#_Toc161606667)

[1.2 Scope and Objective 4](#_Toc161606668)

[2 Background 5](#_Toc161606669)

[2.1 Selection 5](#_Toc161606670)

[3 Method 5](#_Toc161606671)

[3.1 Data Gathering 5](#_Toc161606672)

[3.2 Cloud Functions 5](#_Toc161606673)

[3.3 ETL Pipeline 5](#_Toc161606674)

[3.4 Data Mart 5](#_Toc161606675)

[4 Results 5](#_Toc161606676)

[5 Discussion 5](#_Toc161606677)

[6 Conclusion 5](#_Toc161606678)

**Chapter 1**

# Introduction

## Research Question

I hope you are doing great!

My individual project is going to be: Best Carris Espaço Navegante in the Lisbon Metropolitan Area. I'll try to answer the following questions:

1. What's the best Carris Espaço Navegante in the Lisbon Metropolitan Area.

2. What's the busiest Carris Espaço Navegante in the Lisbon Metropolitan Area.

For this, I'll construct an ELT Pipeline on GCP and analyze the data in Looker Studio. I'll be obtaining the data from the Carris API to gather some measures. Additionally, I'll use Google Reviews.

Kind Regards,

[27 million passengers on Lisbon Metro - The Portugal News](https://www.theportugalnews.com/news/2024-03-17/27-million-passengers-on-lisbon-metro/86999)

["Regularity of Public Transport Usage" by Stefan Foell, Santi Phithakkitnukoon et al. (usf.edu)](https://digitalcommons.usf.edu/jpt/vol19/iss4/10/)

[Portal do INE](https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_indicadores&indOcorrCod=0007963&contexto=bd&selTab=tab2)

[Carris Metropolitana quer ultrapassar 14 milhões de passageiros por mês – Observador](https://observador.pt/2023/12/30/carris-metropolitana-quer-ultrapassar-14-milhoes-de-passageiros-por-mes/)

Passageiros transportados keyword.

## Scope and Objective

Associate the impact of customer waiting time with reviews on Google. Based on average expected waiting time unveil the Best Carris Espaço Navegante.

Chapter 2

# Background

## Selection

# Method

## Data Gathering

## Cloud Functions

## ETL Pipeline

## Data Mart

# Results

# Discussion

# Conclusion