



# VI-Presentation

## CITY RANKING

# ABOUT THE DATASET

This dataset reveals a lot of information related to several cities around the globe, like:

- Purchase power;
- Health care;
- Pollution;
- Quality of life;
- Crime rating.

Also there is data about the prices of some things for each city, such as:

- Cinema;
- Gasoline;
- Wine;
- Cappuccino.



# CONTEXT OF USE

- In this application it should be possible for the user to check various aspects of a city, in different ways.
- Also, a user that wants to compare two cities, is able to do that in our app too.



# PERSONAS

## Marta Silva



Age  
35 years

### Goals or Objectives

Marta is a Construction Engineer and will temporarily move to Istanbul due to the start of a construction. Before leaving, she liked to know the quality of life practiced there.

### Stories

- Marta visits our app and looks for Istanbul;
- Then she is able to see what she wants, whether in terms of health quality and pollution, as well as the price levels applied.



# PERSONAS

## João Martins



Age  
20

### Goals or Objectives

João is a 20 years old student and wants to go on vacation for some days, but he doesn't know where to go. He wants a country where the prices are low and the criminal rate as well.

### Stories

- João visits our web page to try to find a city to travel;
- Then he manages to find one that fulfills his requirements.



# Stats by City

CityRanking

🔍 Search City

Stats by City ?



Bar



Map

Cities Comparison ?



Radar

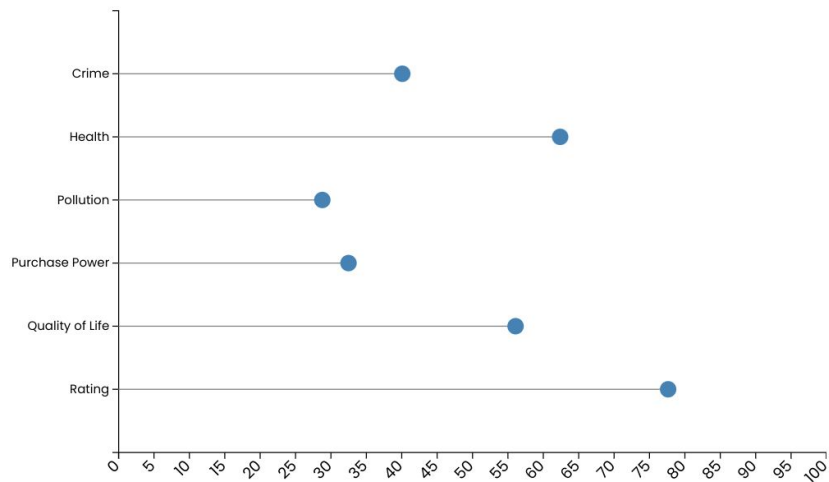
Products Prices ?



Line

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lisbon



# Stats by City

CityRanking

🔍 Search City

Stats by City ⓘ



Bar



Map

Cities Comparison ⓘ



Radar

Products Prices ⓘ

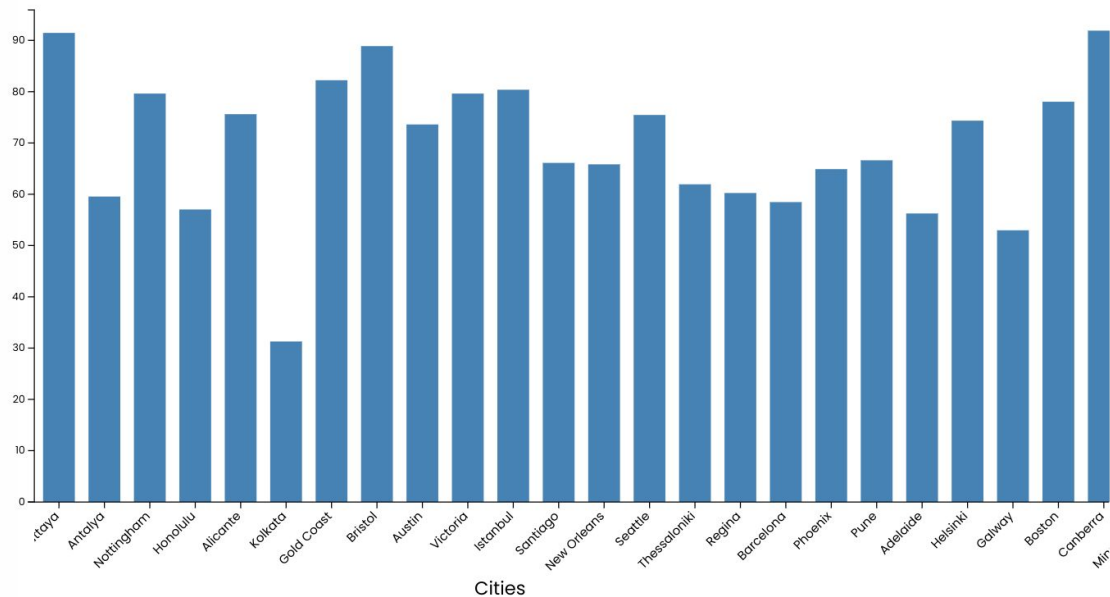


Line

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## STATS BY CITY

Health Care ▾



# Stats by City

CityRanking

🔍 Search City

Stats by City ⓘ



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Map

Cities Comparison ⓘ



Radar

Products Prices ⓘ

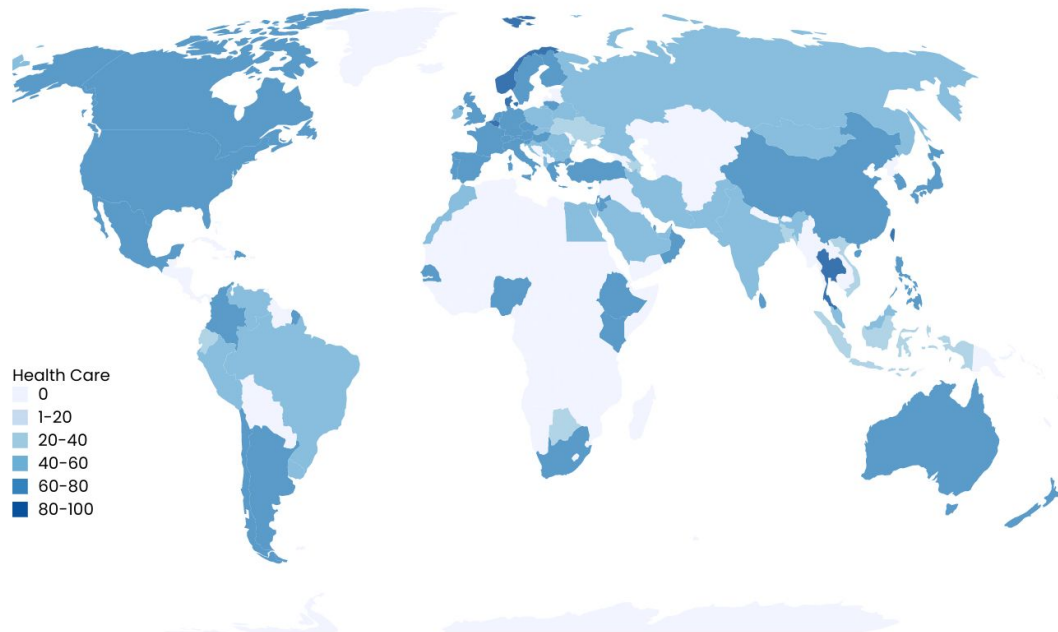


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## STATS BY CITY

Health Care ▾





# Cities Comparison

CityRanking

🔍 Search City

Stats by City ?



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Radar

Products Prices ?



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## CITIES COMPARISON

Caracas

Johannesburg



# Product Prices by City

CityRanking

Q Search City

Stats by City ?



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Map

Cities Comparison ?



Radar

Products Prices ?

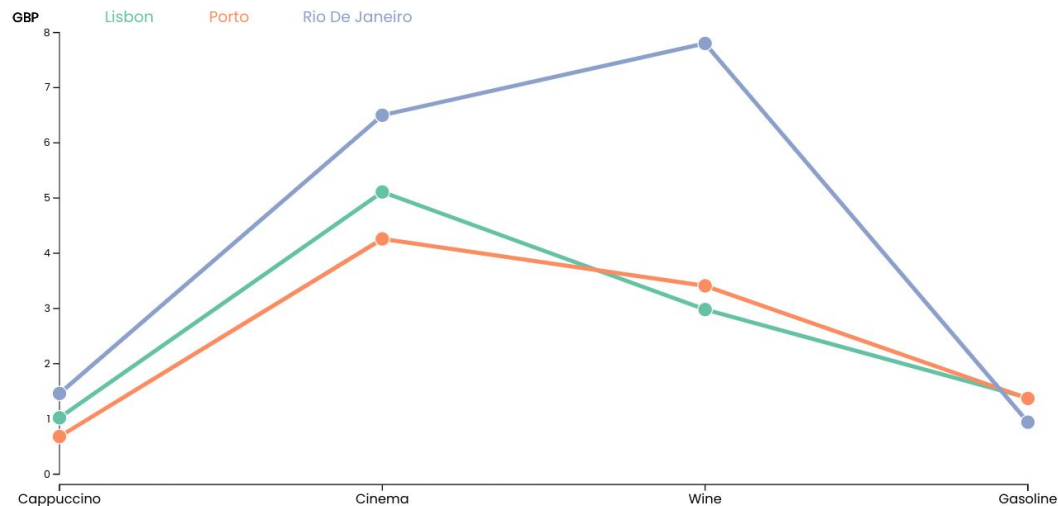


Line

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## PRODUCTS PRICE BY CITY

Insert City...



# Heuristic Evaluation

We chose the set of 10 usability Heuristics for User Interface Design, by Jakob Nielsen

**-Scale of severity:**

**0 = I don't agree that this is a usability problem at all**

**1 = Cosmetic problem**

**2 = Minor usability problem**

**3 = Major usability problem**

**4 = Usability catastrophe**

# Heuristic Evaluation

ERROR	HEURISTIC PRINCIPLE	RESULTS
ON PAGE REFRESH, THE CONTENT DISAPPEARS	1	2
UNABLE TO REMOVE CITIES AFTER ADDED TO LINE CHART	3	1
ONCE AUTOCOMPLETE OPENS IT'S IMPOSSIBLE TO CLOSE IT, UNLESS ONE ITEM IS CHOSEN	3	3
CITIES ARE NOT IN ALPHABETICAL ORDER IN AUTOCOMPLETE	7	2
ABOUT SECTION BUTTON IS RARELY NEEDED	8	1

DEMO

