



The Criminality of Lisbon

Which destination is more safe?



● Safety starts with you

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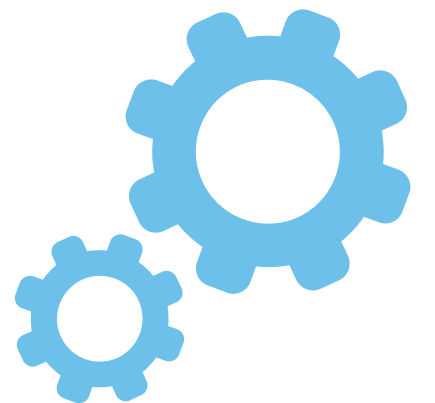
Securelish

2.

Current Data

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Next steps



1. Securelish

CONTEXT

In order to display our knowledge of GIS we have setup an imaginary company called **Securelish**. Securelish is a safety company located within Lisbon, which uses GIS to explain safety in and around Lisbon.



- Securelish is security company **based in Lisbon**.
- Governments, companies, and agencies use the company's services in order to **understand safety in Lisbon**.
- Securelish uses **GIS tools** to supply this information.
- The company's business model is focused around the importance of being accurate and providing easy-to-understand of information.
- Through several data sources, **the company turns data into valuable knowledge**.

Securelish

Crime ✓
Security ✓
Funding ✓
Safety ✓
Information ✓

Scenario



OUR SCENARIO

- The scenario we have setup, focuses on the **security within Central Lisbon from a governmental perspective.**
- The city hall of Lisbon has asked Securelish to map out the areas of Central Lisbon that have the most crime.
- They need this knowledge, in order to answer this two important questions:
 - Which areas are the most unsafe for citizens on Lisbon?
 - Where does the police need more funding in order to combat this crime?
- There have just been an election in Lisbon, and the new government needs to understand how they can make the most out of their first days in office.
- Because of this, it's important that **the data is accurate and easy-to-understand for a wide audience.**

2.

Current Data

Current Data

We have decided to show our data with a live presentation using ArcGIS



ArcGIS

3. Next steps

Next steps

WHAT DO WE INTEND TO DO WITH OUR DATA & WHAT TOOLS DO WE THINK MIGHT BE USEFUL

- To begin with, we want to make sure that we have the most relevant data:
- What we have done so far, is ensure that we found the data sources which provide us with exactly the data that we need for our specific area.
- We will use data from **ESTATÍSTICAS DA JUSTIÇA**.
- We will use this data in combination with **ArcGIS** software, which is one of the most prominent GIS software's out there, to create meaningful maps for the city hall.
- The most obvious candidate for mapping this sort of data, is using the techniques we have learned related to **mapping density**.
- Density maps are very useful for understanding and looking for patterns, rather than where individual features.
- We have not decided if there are any specific functions within ArcGIS, which might prove more useful than others
- The techniques we have learned during the course, will allows us to take on the perspective of an employee in the fictional **Securelish**, and their subsequent tasks

Next steps

WHAT DO WE EXPECT AS AN END RESULT

- As an end result, we want to provide a couple of different end result products
 - Firstly, we want to create a geospatial intelligence map, which showcases the goals stated by the city hall.
 - We also want to create an accompanying report with the data, which will explain the steps we took to reach our conclusions. It should also explain the in-depth steps we took to get there.
 - Lastly, we will create an ESRI story map in combination with our previous products, to provide an easy-to-understand way of our data.
- The story map will be what is presented as the product from Securelish to the city hall.
- The GIS map and subsequent report is for internal use primarily at Securelish.

Feedback and questions