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| Life Quality Analysis |  |
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|  | Sep.-Dec. 2023Data Visualization Course |
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### Abstract

### Introduction

#### Research Questions

#### The Main Target

#### Desired Outcome

### Data Sources

- Smart

https://www.kaggle.com/datasets/magdamonteiro/smart-cities-index-datasets/

- Criminality

https://ec.europa.eu/eurostat/databrowser/view/ilc\_mddw06/default/table?lang=en

https://ec.europa.eu/eurostat/databrowser/view/crim\_off\_cat/default/table?lang=en

- Population

https://ec.europa.eu/eurostat/databrowser/view/tps00001/default/table?lang=en

### Data Pre-Processing

Descrivete tutti I cambiamenti dal csv originale fino a quelli usati per i singoli csv usati in flourish

#### Smart - Criminality

#### Criminality - Population

#### Smart - Population

### Data Visualizations

Cambiate I titoli e scrivete giu le vostre cose, controllate che i link siano corretti

Per ogni grafico descrivere:

* Design
* Development
* Findings

#### Bubble generic

https://public.flourish.studio/visualisation/16133786/

#### Top 10 smart

https://public.flourish.studio/visualisation/16024537/

#### Population smart

https://public.flourish.studio/visualisation/16201907/

#### Crime variance and population

https://public.flourish.studio/visualisation/16193316/

#### Population crime variance grid

https://public.flourish.studio/visualisation/16193249/

#### Crime smart index bar

https://public.flourish.studio/visualisation/16205389/

### Interface Design

We decided to use a [free Bootstrap 5 template](https://bootstrapmade.com/knight-simple-one-page-bootstrap-template/) to create a smart and clean one-page website report quickly.

We took the existing sections and edited them to make it look good for our purpose, adding more sections and editing the style to fit the charts.

Then we edited the descriptions and checked that the page worked well with the embedded flourish charts.

### Future use