

## **1. Introduction**

### **1.1 Background**

Every day when Argentinian watch the news or read a newspaper on the internet, a crime occurs. A robbery or a murdered happens. So, the population have an idea of which neighborhood they should go for a walk or buy something or to live. They all be afraid in some places than others.

One important thing is to move and live in a safest neighborhood. No one wants wasting time and money to making a move you will end up regretting. For that someone is looking for the best place they can live and feel safe.

### **1.2 Problem**

I found for that dataset of the three last years from the government website. The year 2019 is the latest update to import and so for analyze.

The project aims to select the safest Commune in Buenos Aires city based on the total crimes considering all the three years and explore the 10 most common venues for each commune and finally cluster the communes using k-means

### **1.3 Interest**

Argentinian will be interested because they may have an idea which commune they should live and what venues they have