1 Introduction

Austin is the capital city of the US state of Texas, as well as the seat and largest city of Travis County, with portions extending into Hays and Williamson counties. It is the 11th-most populous city in the United States, the fourth-most-populous in Texas, and the second-most-populous state capital city (after Phoenix, Arizona). It was also the fastest-growing large city in the United States in 2015 and 2016. It was the southernmost state capital in the contiguous United States.

1.1 Audience

For those relocating to Austin or someone who needs to know more about the city, they live.

1.2 Problem

Austin is an excellent example of a growing city and a unique model for relocation purposes. Sometimes it isn't easy to choose between neighborhoods, especially if you aren't familiar with the city.
This project aims to show differences between neighborhoods and help people to choose between them.

2. Data

In this project, I will use 3 data sets:
- Criminal reports from [Austin website](#). It consists of general information about crimes, but in my project, I will use dates, locations, and categories. It will help understand the crime rate in every neighborhood.
- Average rent per house from [here](#). Consist average price for rent per house neighborhoods. This will help to understand how the cost is distributed by arias.
- Foursquare API will give information about venues around. This will help to understand what we could find in each neighborhood and cluster them by similarity.