

Machine Learning Capstone

Introduction

Business Problem

I want to open a gay bar in Miami, Florida. I selected Miami because I used to live there.



Figure 1: Kit Kat Lounge and Supper Club, Chicago

Location Requirements

- It must be in an area of other gay businesses. Modeling after the gay blocks on North Halstead Street in Chicago (Boys' Town), an area of gay businesses, especially entertainment industry businesses like bars, benefit from proximity so patrons can easily go from one to another in an evening's "bar crawl".
- Distance from schools. Different neighborhoods have differing requirements on how far a bar should be from any school. Some are 500 feet, the majority are 300 feet and one neighborhood mandates 1000 feet. I've arbitrarily selected 300 feet.
- Select district considering local crime rate, paying especial attention to hate crimes.



Figure 2: Miami Skyline

Stakeholders

The stakeholders in this are myself, business people who partner with me for finance, and the Miami gay community.