

Ángel Guardián Expansion

Finding the Best Location for a New Base

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1. Introduction

1.1 Background

Ángel Guardián is an organization in Guatemala City that provides a service that consists in connecting people who are under the influence of alcohol or drugs with a volunteer driver (off duty volunteer firefighter). The volunteer driver takes the person under the influence on their own vehicle to their home. The purpose of this service is to reduce the amount of people out in the streets driving under the influence of alcohol or drugs.

1.2 Problem

The purpose of the project is to analyze location data of Guatemala City to find the most strategic location for Ángel Guardián to expand throughout the city so that waiting times for clients are reduced.

1.3 Interest

The organization Ángel Guardián will have interest in this project if they are looking to expand, or any other organization that wants to start a similar service may use the insights found on this analysis for their benefit.