

1. Introduction

1.1 Description & Discussion of the Background

2020 is a difficult year as everyone is affected by the pandemic of the Covid-19. This deadly virus has caused thousands of deaths around the globe, which it forced people to self-isolate and businesses to shut down. As a recently graduated university student who is also living through this global disaster, has experienced difficulty to find a job in the Greater Toronto Area in Canada, which I believed this is true to most people as well. I was fortunate to received several call interviews from the new Tech Startup CEOs about position in data analyst or their data team, but was also unfortunate to not offered the role because my lack of professional experience at that time. I was surprised to know that even everyone is trying to social-distancing and the economy is declining, there are still many passionate entrepreneurs that aren't discouraged by the global pandemic. However, despite the great business ideas from the Startup founders and the huge number of talented people in Greater Toronto Area, when consider starting business in Greater Toronto Area, the budget management will always be a problem to deal with at the beginning because of the equipment setup, salary, and most importantly the office setup. In Canada, Ontario is the province that has the highest average house rental price, and the Greater Toronto Area lies within Ontario that new Startup will face high prices when trying to lease an office at the beginning. It is possible that new Startup can still find cheap prices to lease an office, but other elements are needed to consider are whether the office location's surrounding traffic system and the venue types can provide employees fast travel to work, and convenient dining to replenish energy quickly that less time be wasted during the work hours. Therefore, it is essential to find the most desirable office location for business to success.

1.2 Problem

The data that might help to determine the desirable office locations in Greater Toronto Area might include regional average house rental price and area venue categories. This project aims to find the locations with low leasing prices, sufficient public transports and restaurants based on these data.

1.3 Interest

The Startup people who are looking for opportunities in Greater Toronto Area would be interested in finding the desirable office location for saving budget, attract employees and better work hour management.