Battle of the Neighbourhoods
New York vs Dublin

Coursera IBM Applied Data Science Capstone
Warren Shelley
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Dublin Image (https://unsplash.com/photos/XI1yvtqKjl8)
New York Image (Photo by Quintin Gellar from Pexels)

Introduction

New York city is one of the most diverse and multicultural urban metropolises in USA and the world. It is the largest city in the USA with a population of approximately 8.3 million[1]. As a centre of multiculturalism, New York City has been a gateway for immigration to the USA throughout the years. Today it is the most linguistically diverse city in the world[2] that is home to 3.2 million immigrants[3].

Irish immigrants are historically one of the largest of these immigrant populations. This large pattern of immigration began during the Great Irish Famine of the 1840s and continued through much of the 20th century. As a result Irish culture has had a significant impact of the development of neighbourhoods within New York City.

Dublin is the largest city in Ireland and it is one of the hubs of Irish cultural. A comparison of the types of venues in these cities may reveal the similarity between neighbourhoods in the two cities.

Problem

A large company with its HQ in New York City has plans to open a European HQ in the centre of Dublin city. As one of several new employee of this company I have been assigned to a new role in the European HQ, but will have to move to New York for several months for job specific training. In order to prepare for the move I will investigate which neighbourhoods of New York are most similar to those in Dublin. Next I will investigate the average rent price for a one bedroom property in each of these neighbourhoods. This will be presented to the HR department of the company so that they can provide guidance to other employees making a transition from Dublin to New York. The main goal of this analysis is to find the most affordable New York neighbourhood which is similar to neighbourhoods in Dublin, so that those moving to New York for training purposes have a smooth as possible transition.