The Battle of Neighboords

Choosing accommodation in Melbourne

Applied Data Science – Capstone Project

Ruben de las Heras

Introduction

110,000+ WHV every year

19,000+ choose Melbourne

🦘 Australia is a popular destination for travellers around the world.

🦘 A good way to get the *'full Aussie experience'* is by living in the country. In that regard, a very common choice is the **Working Holiday Visa**, which allows you to travel and work in Australia for a year, with an optional extension of an additional year.

🦘 According to the Department of Home Affairs, the number of Working Holiday Visas in 2018 was **113,417**.

🦘 As the Australian Bureau of Statistics indicates, 17% of those Working Holiday Makers chooses **Melbourne**, reporting **19,281** people.

🦘 One of the biggest concerns when moving abroad is to find accommodation. ***The aim of this study*** is to help Visa Working Holiday Makers (or anyone interested) in *choosing a room in Melbourne providing information about rental prices and venues* in the main suburbs around CBD.

Data

In this study, we will be using data from different sources, as indicated below:

1. Melbourne

- List of Melbourne suburbs and postal codes

- Source: Costlessquotes

- URL: https://www.costlessquotes.com.au/postcode_tool/postcode_list_VIC.php

2. Rent prices in Melbourne

- Average rental prices in Melbourne per room in 2019

- Source: Department of Health and Human Services Victoria

- URL: https://www.dhhs.vic.gov.au/publications/rental-report

3. Location

- Coordinates of Melbourne´s suburbs

- Source: GeoPy

4. Foursquare

- List of venues

- Source: Foursquare API