

Calgary: Sites and Hoods (A guide for newcomers)

Business Idea:

For my data science Capstone Project, I am using the Foursquare API and the openly available Wikipedia location data, to explore the City of Calgary, Alberta, within which I reside. As a newcomer to the City of Calgary, I was unclear about the best residential locations with access to relevant facilities. By performing this project, I am creating a platform for other newcomers to have a high level perspective of the distribution of the neighborhoods and locations of interests within Calgary, to help with smooth settlement.

Target Audience:

- Newcomers to Calgary

Reference Data and usage:

- List of Neighborhoods in Calgary – Wikipedia
https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_T
- Foursquare API
<https://foursquare.com/developers/apps>

For this project, the Wikipedia page provides a list of all neighborhoods and postal codes within Calgary, including their coordinates, while the Foursquare API provides the surrounding venues and venue categories for these coordinates. I intend to use this data to create neighborhood clusters based on the frequency of venue categories in each neighborhood.