

Problem for the Capstone Project:

When someone ponders the possibility of moving, especially to an entirely different country such as Canada, it would be helpful to have the ability to learn about different neighborhoods and their features prior to making the major move. What distinguishing characteristics make Toronto, in particular, a possibly desirable place to live? Having access to such information would be especially valuable during the decision-making process for possible new immigrants to Canada. Data Science and its methodologies, such as developing a recommender system, can help facilitate the research process for individuals contemplating moving to Canada, and in particular, the Toronto region.

Data:

For this project, we need access to the data set containing geographical information about the neighborhoods in Toronto, Canada. The neighborhoods within this region can be identified using postal codes and the geographical coordinates. This information is available using the Wikipedia website: 'https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M'. We also need information identifying unique characteristics about the neighborhoods in Toronto, Canada. The Foursquare application is useful for this aspect of data collection.