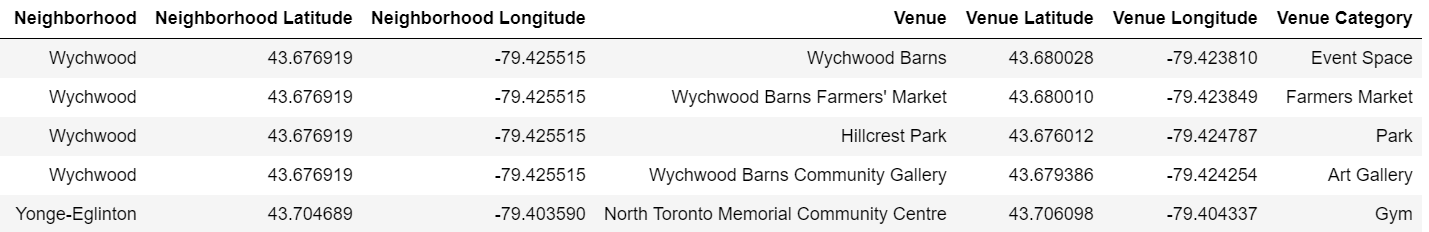
**Data Sources**

The idea behind finding an attractive location for living is based on many factors depending on customer choice. One major requirement is the availability of venues nearby. Fourquare[[1]](#footnote-1) has been used to explore this portion of the project.

Foursquare data



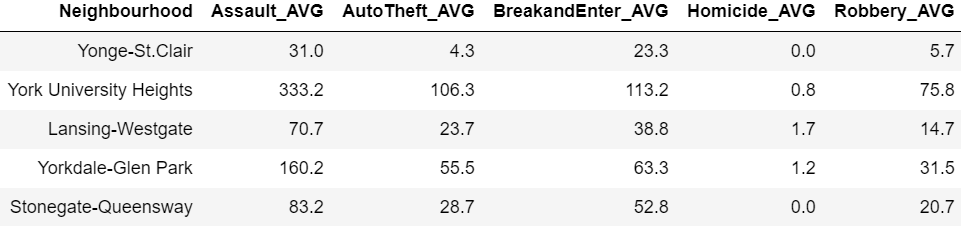
The neighborhoods were categorized based on the number of top venues in the neighborhoods.

Instead of the boroughs data used in the assignments, this project uses the detailed boundaries of the neighborhoods in Toronto. A total of 140 neighborhoods have been explored[[2]](#footnote-2). This helps us explore the neighborhoods individually.

|  |  |
| --- | --- |
| Toronto neighborhoods2 | Processed location data |
|  |  |

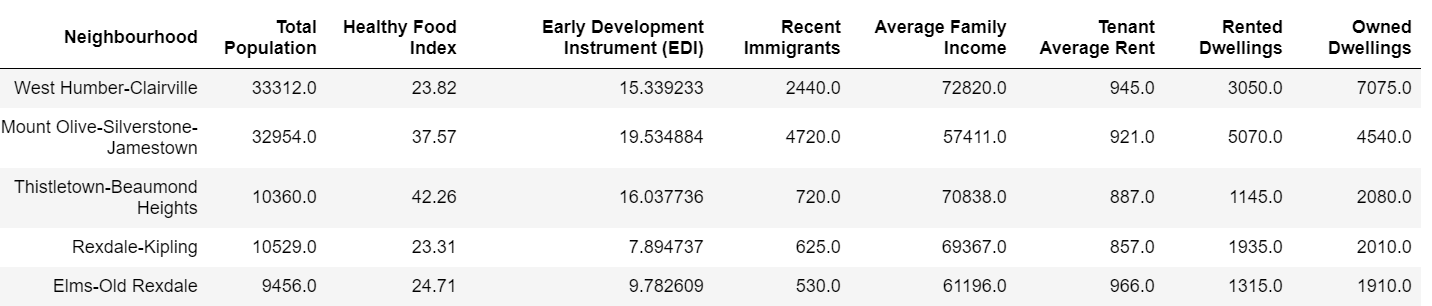
Crime data[[3]](#footnote-3) was obtained from openly available data sources. This included the numbers for different categories like theft, abuse, etc. for the last 5 years. The analysis in the study uses the average for each of these categories for the last 5 years. The data had to be processed for determining any missing data but was generally found to be very consistent.

Crime data



A great source of data was found at ‘Wellbeing Toronto’[[4]](#footnote-4). While this is essentially a website that maps all the data, this data can also be downloaded for analysis. Data was downloaded for a number of categories including the population spread amongst different ethnicity. The ones that were used in analysis are listed below. It must be noted here that given a customer is interested n knowing about the concentration of an ethnicity in an area, that can be easily determined using the data.

Wellbeing Data



This completes the data that was used in the study.

1. [https://foursquare.com/](about:blank) [↑](#footnote-ref-1)
2. [https://open.toronto.ca/dataset/neighbourhoods/](about:blank) [↑](#footnote-ref-2)
3. [https://www.toronto.ca/city-government/data-research-maps/neighbourhoods-communities/neighbourhood-profiles/](about:blank) [↑](#footnote-ref-3)
4. [http://map.toronto.ca/wellbeing/#eyJ0b3Itd2lkZ2V0LWNsYXNzYnJlYWsiOsSAcGVyY2VudE9wYWNpdHnElzcwfSwiY3VzxIJtYcSTYcSXxIBuZWlnaGJvdXJob29kc8S2fcSrxIHEg8SFxIfEicSLdGFixYXEmCLEo3RpdmVUxZBJZMSXxYnEhMWPYi1pbmRpY2HEgnLFhcWIxaTFpsWoxarFksSAxZjFq2lvbsSXMsSsc8WkZ2xlxLbErcS%2FxJPEn1RpbWXFnMSoxKzFlsaIxbIiN8aBxa7Fp8WpxIPFnHNBxaVXxLnEu3TFklvEgMSHxZ43MyLErHfGnGh0xJcxxKzEk8W0c2VQb8SOcsSlxKc6ZmFsxrHEq8ahxZ06IjE2xqYixqjEusaqxqzGrmXGsMayxrTEs8a3xJfGusa8Zca%2BIsaix4EzxqXGp8apxqs6xq0ixq%2FEm8axxrPGtceRxrnGu8a9LMa%2FxZ4zMseFx4fGnceKx6HHjMejx47HpsSmx5LHqceVx6vHl8eAIjM0x7DHncezx6LFq8e3x5DHuceox5THlseYyIA1yIPHiMeex6DIhsekx4%2FGtsiKx5PHqsesx5nHhMecyJLIhce1yIfHpciJxrjImse8yJzIgMaRyJ%2FHssefx4vHjcikyJjIpse7yI3HvzM4yJHIrciUyKLIlse4yLPIjMe9yI4zOci5x4nIrse0yLDIl8enyKfItcWeMcmFyJPIr8e2yLHJi8i0yYHHvzHJhMisyYbIu8mJyL7HusiMXcWHxYjGjWXGsca2yabFhsSsxK5yxoR0ScWlxpTFqk3Fg8aAx4HFvG7FvsaAxYhhZ3NNYXDGgXrFgm3GrDPErHjEly04ODM3NzYzLjXKkTcyN8Ssxrg1NDEyOTMxLjI0ypAyODXFhw%3D%3D](about:blank#eyJ0b3Itd2lkZ2V0LWNsYXNzYnJlYWsiOsSAcGVyY2VudE9wYWNpdHnElzcwfSwiY3VzxIJtYcSTYcSXxIBuZWlnaGJvdXJob29kc8S2fcSrxIHEg8SFxIfEicSLdGFixYXEmCLEo3RpdmVUxZBJZMSXxYnEhMWPYi1pbmRpY2HEgnLFhcWIxaTFpsWoxarFksSAxZjFq2lvbsSXMsSsc8WkZ2xlxLbErcS%2FxJPEn1RpbWXFnMSoxKzFlsaIxbIiN8aBxa7Fp8WpxIPFnHNBxaVXxLnEu3TFklvEgMSHxZ43MyLErHfGnGh0xJcxxKzEk8W0c2VQb8SOcsSlxKc6ZmFsxrHEq8ahxZ06IjE2xqYixqjEusaqxqzGrmXGsMayxrTEs8a3xJfGusa8Zca%2BIsaix4EzxqXGp8apxqs6xq0ixq%2FEm8axxrPGtceRxrnGu8a9LMa%2FxZ4zMseFx4fGnceKx6HHjMejx47HpsSmx5LHqceVx6vHl8eAIjM0x7DHncezx6LFq8e3x5DHuceox5THlseYyIA1yIPHiMeex6DIhsekx4%2FGtsiKx5PHqsesx5nHhMecyJLIhce1yIfHpciJxrjImse8yJzIgMaRyJ%2FHssefx4vHjcikyJjIpse7yI3HvzM4yJHIrciUyKLIlse4yLPIjMe9yI4zOci5x4nIrse0yLDIl8enyKfItcWeMcmFyJPIr8e2yLHJi8i0yYHHvzHJhMisyYbIu8mJyL7HusiMXcWHxYjGjWXGsca2yabFhsSsxK5yxoR0ScWlxpTFqk3Fg8aAx4HFvG7FvsaAxYhhZ3NNYXDGgXrFgm3GrDPErHjEly04ODM3NzYzLjXKkTcyN8Ssxrg1NDEyOTMxLjI0ypAyODXFhw%3D%3D) [↑](#footnote-ref-4)