Group Members:

* Daniel Cebula
* William Lim
* Rohan Chaudhari
* Sofiat Ishola
* Tom Callegari

Brief Summary

Imagine this: You wake up at 6AM, check Google Maps to plan your commute – you are on time, you’ll get to your destination in good time! You get ready, arrive at the subway (or bus/streetcar stop) in time and then hearing the dreaded voice over the public announcement system saying “We are experiencing delays going Northbound..”. Arrggghhh, you arrive 10 minutes late!

Living in Toronto this has become the norm, experiencing delays commuting with the Toronto Transit Commission (TTC).

With this project we are looking to explore the cause of TTC (streetcars, buses and trains) delays, establish trends and perhaps help all plan the TTC commute better. We will examine relationships between the TTC rides, routes, day of week, time of day, weather and ongoing events.

Data Sources (4 in total):

Toronto Open Data Catalogue

(TTC Delay Data)

<https://www.toronto.ca/city-government/data-research-maps/open-data/>

Toronto Progress Portal

(TTC Revenue and Ridership Data)

<https://www.toronto.ca/city-government/data-research-maps/toronto-progress-portal/>

Government of Canada – Historical Climate Data

(Historic Climate Data for Weather Stations in Toronto)

<http://climate.weather.gc.ca/>

Uwaterloo/Datasets

(for list of Canadian Holidays)

<https://github.com/uWaterloo/Datasets.git>