

Applied Data Science Capstone Project - The Battle of Neighborhoods (Week 1)

Data will be used to solve the problem

Purpose of project:

**Identify the most appropriate location to open a Gym within the
area of PATH in Toronto City, Ontario - Canada**

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DATA:

In order to identify and answer the problem inquires / questions, the following data sources will be used in this study:

- a. Directory of PATH buildings, Toronto, Ontario – Canada. **Purpose of doing that:** listing down the major PATH buildings.
- b. Location coordinates “Latitude and Longitude” to each of the PATH buildings. **Purpose of doing that:** Plotting Gyms linked to PATH buildings.
- c. List of Gyms, by category of each PATH buildings from Foursquare. **Purpose of doing that:** identifying gyms and services they offer.
- d. Data of PATH buildings. **Purpose of doing that:** clustering on the neighbourhood.