

# HOW'S RIDERSHIP GOING?

Exercise 1: APC

# Learning objectives: exercise 1

- Following this exercise, participants should:
  - understand aggregation to multiple dimensions of transit data
  - create a point summary of ridership in multiple dimensions

# Instructions

1. examine data columns
  - what are the different *dimensions* of the APC data?
2. code or pseudo-code the answer to the following queries:
  1. what is the average weekday ridership by route?
  2. what is the busiest stop in the dataset?
  3. how does ridership correspond with “peak” times of day?
3. sketch a graph of a ridership timeseries
  - what features or dimensions should users see?