

CodeAcross 2016: Challenge Template

Challenge owner:

City of Toronto - Big Data Innovation Team

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Objective:

Produce an interactive dashboard for the public to explore traffic speeds in Downtown Toronto

Description:

The City of Toronto's Transportation Big Data Innovation Team is interested in exploring ways to allow the public to interact with our data. We're looking for an interactive dashboard to tell a story about traffic speeds based on Bluetooth detection. This data can be combined with data on weather, as well as open-data on events in the city, or any other source of data participants can find.

What will it enable?

Data-based storytelling of traffic conditions in the City of Toronto

What skills are likely required?

Data wrangling, web dashboarding (JS/webserver)

Who will use the output?

City of Toronto staff and the general public.

What data or other resources are required? Are all of these available?

Bluetooth travel time data, weather data, special events data. These are available.

Hosting for a webserver would probably be necessary, and not available.

Tweet to promote it:

.@TO_Transport's #BigData Team wants your help creating a dashboard of traffic downtown

Challenge description for the CodeAcross website:

The City of Toronto's Transportation Big Data Innovation Team is looking for an interactive dashboard to tell the story of traffic speeds in Toronto. We're providing access to historical and real-time traffic speeds on City-controlled highways and some major streets in the downtown

core. You can combine this with open data that can help explain variations in traffic speeds such as weather or special events.

Data:

<http://www1.toronto.ca/wps/portal/contentonly?vgnextoid=0b3abcfaf9c6a510VgnVCM10000071d60f89RCRD&vgnnextchannel=1a66e03bb8d1e310VgnVCM10000071d60f89RCRD>