

Data Sets

Teams select one of the themes below to examine using a publicly available open data set. Teams may use the open data sets below, or any publicly available open data set. Your analysis should focus on your city, province, region (or Canada as a whole where appropriate).

The judges will be looking for how you interpret and read the data in a different and unique way. Your goal is to communicate an insight, story, recommendation, or new idea using the data set that can help decision makers better understand an issue and develop solutions that work.

Theme: Economic

- Housing availability and affordability in your city/province
- Post Covid-19 population growth in your city/province
- Office space utilization post-Covid (e.g. using Google Places data) in your city/province
- The impact of inflation in your city/province
- Housing availability and affordability in your city/province
- Population growth and immigration in your city/province
- Changes in employment (quiet quitting, remote work, retirements, labour shortages) in your city/province
- Effect of construction on business activity in your city/province (e.g. using Google Places data)

Theme: Environment

- Frequency and impacts of extreme weather events (e.g. forest fires, floods, hurricanes) in your region
- Climate change impacts on humans, plants and wildlife in your city/province

Theme: Social Issues

- Poverty levels in your city/province
- Homeless and unhoused population characteristics in your city/province
- The impact of Airbnb rentals on housing in your city/province
- Mass transit coverage in your city/province

Theme: Health Care

- Access to healthcare in your city/province
- Availability of professionals (physicians, nurses, support staff) and future trends in your city/province

Your Own Theme:

- Choose your own theme, as long as your data set is publicly available, relevant, timely and is focused on social, economic health issues. We recommend you use the United Nations' 17 [Sustainable Development Goals](#) as a guide.

Suggested Open Data Sets

www.kaggle.com

www.open.canada.ca

<https://data-fredericton.opendata.arcgis.com>

<https://www.statcan.gc.ca/en/microdata/dli/data/all>

<https://gnb.socrata.com/>

<https://nb.211.ca/search/>

You are encouraged to use any publicly available open data set!