Statistics Canada Data Exercise:

The challenge has been solved in three different bundles using the provided data set,:

- "Base" Solution: this set of solution only provides answers to the required four metrics based on the "Four-Region Model"
- "wInterface" solution: this is the solution to bonus 1 and 2 and gives a simple front-end to display the chart and heat map required
- "Joint3" Solution: is the solution for Bonus3, it is a single set by itself for that it requires dataset1 and dataset2
- The data file has been renamed to "DS1" and "DS2" after downloading, and only the file that contains data were used

Overall Idea:

The solutions use python as the primary language and SQLite library as a storage provider. Data is sent through python and queried through SQL. For detailed explanation and results, please see documents in each of the solution bundle provided.

Please use the corresponding dataset downloaded from the Statistics Canada website and rename "Dataset1.csv" as "DS1.csv", "Dataset2.csv" as "DS2.csv"