# Instructions:

Using the Canadian Health Expenditure Data for 2016, perform the following steps:

* FORMATE AND UPLOAD DATA
* CREATE DATA VISUALIZATIONS
* CREATE A MAP OF CANADIAN HEALTH EXPENDITURE BY PROVINCE IN 2016
* CREATE A LINE GRAPH OF CANADIAN HEALTH EXPENDITURE BY PROVINCE IN 1975-2018
* VISUALIZE THE PROPORTIONAL DISTRIBUTION OF HEALTH CARE EXPENDITURE AMONG AGE GROUPS IN CANADA
* CREATE A STORY WITH TABLEAU PUBLIC WITH 8 DIFFERENT INSIGHTS FROM THE DATASET. (See Describing quantitative insights resource in the “LinkedIn and resource” tab on Econestoga for a detail on how to describe data to provide insights)
* CREATE A DASHBOARD WITH TABLEAU

## Guides:

The data you want to use in Tableau should follow these guidelines.

1. The data should be granular as possible. This means that your data is detailed rather than just

average values.

2. Ensure that there are no aggregated data (no total values)

3. All extra titles and notes should be removed. This excludes data headers.

4. Ensure that there are no blank cells or rows

5. The data should follow database format where it is row-oriented rather than column oriented.

Tableau is optimized to work with row-oriented tables. This can be done either in Tableau or

before you upload your data. In order to optimize the data for tableau, the null data cells needs to be replaced with zeros. The extra notes at the top must also be deleted.

Once all the data is in the correct format, you can upload the file to Tableau.

## Joining data in different sheets

To combine a data set from two separate sheets, click and drag the two sheets you want to the

center space on the top half of the screen.

Graphical user interface

Description automatically generated

Once the data has loaded your screen will look like this.

Graphical user interface, application, email

Description automatically generated