TABLEAU
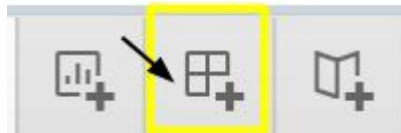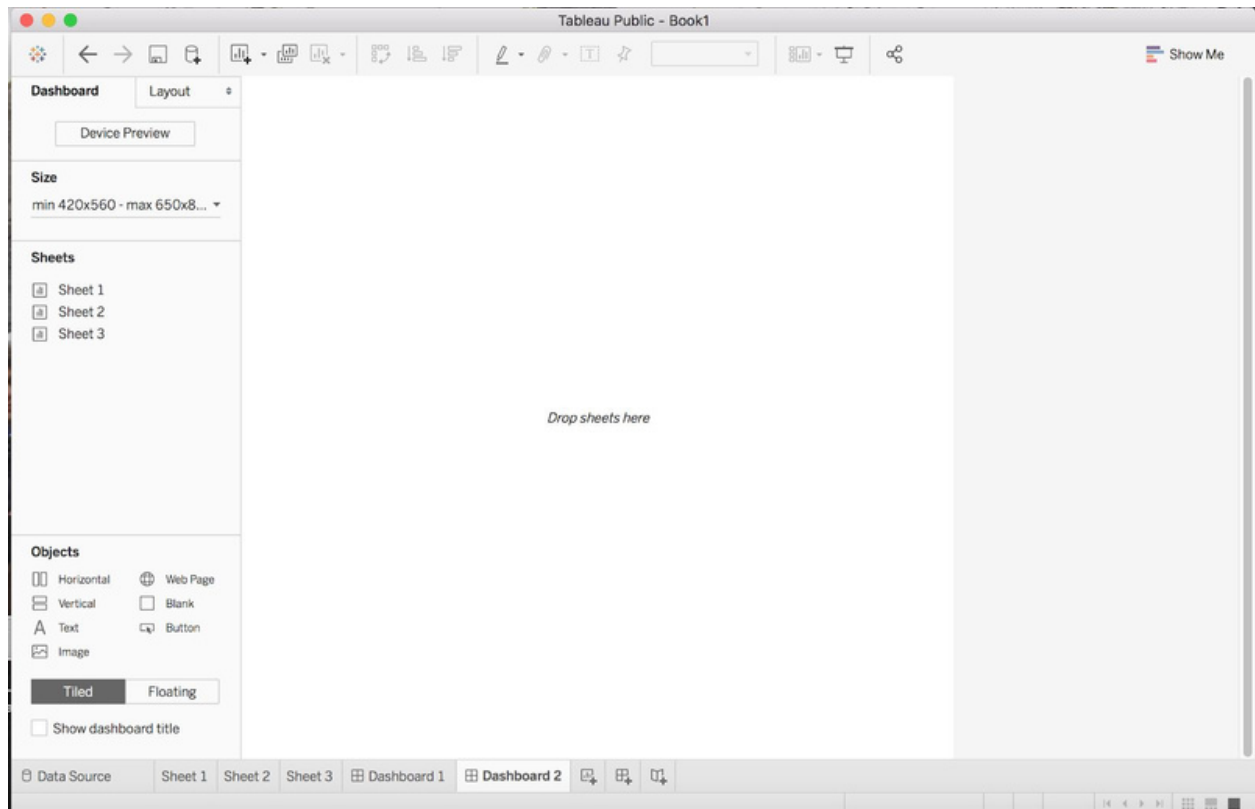
CREATING A DASHBOARD WITH TABLEAU

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Dashboards are a great way to combine your data visualizations and have them interact with one another. A lot of businesses use dashboards to keep up-to-date in real time about key performance indicators at a glance. In this example, we will combine just two of our data visualizations, the map and the line graph from the first section of the tutorial, but in reality, it can be used to combine many visualizations at once.

The first step in creating your dashboard is to open up the Dashboard tab at the bottom of the screen:
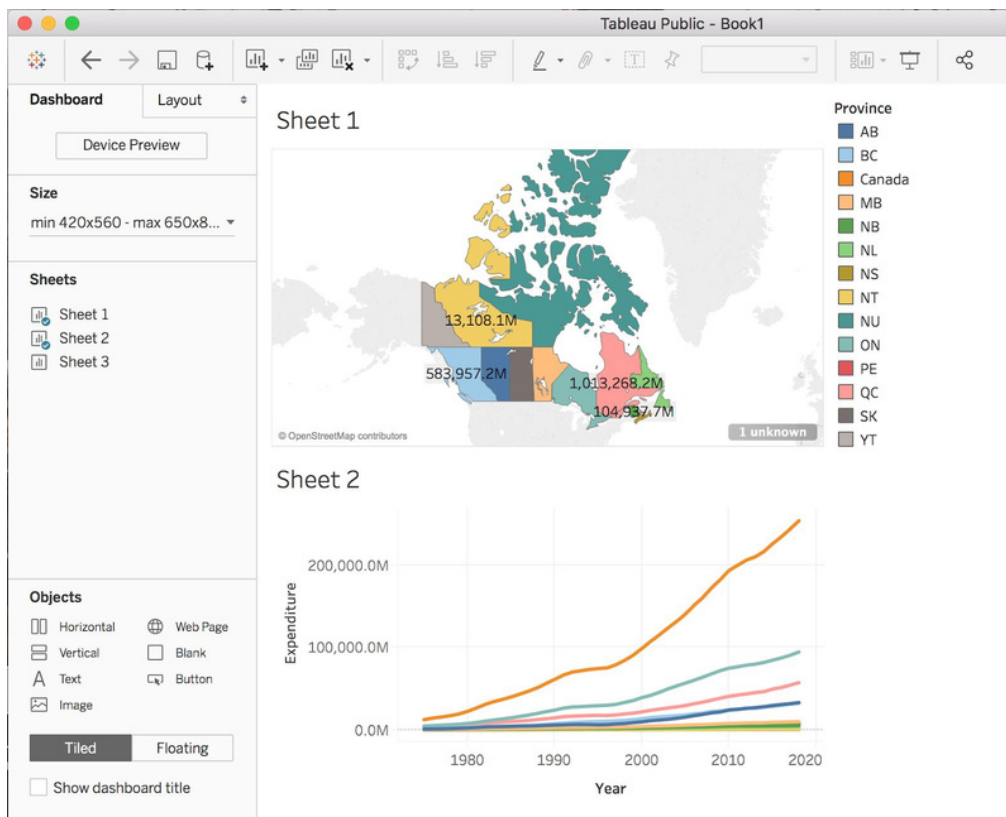
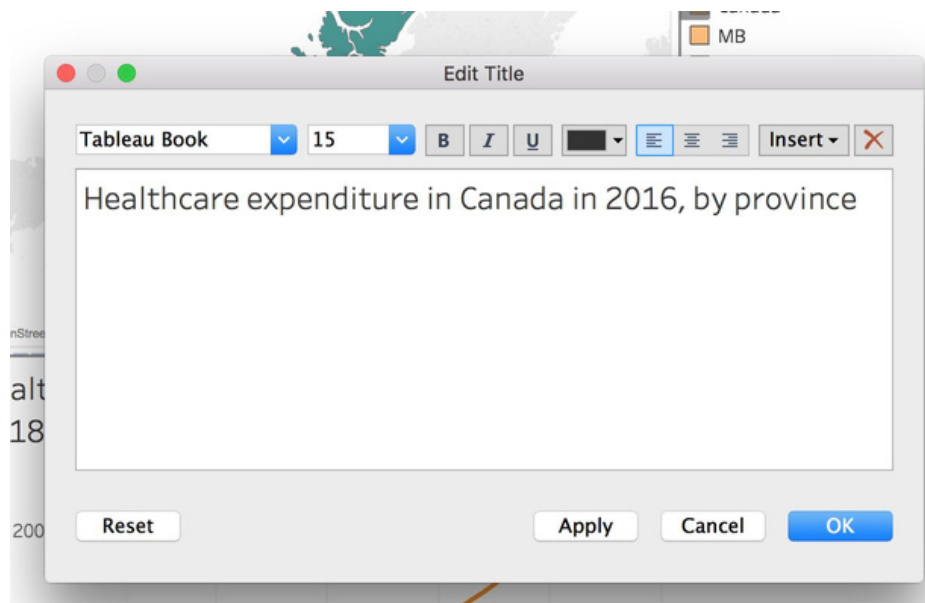After clicking this icon, your screen should open to this:

This is your Dashboard Sheet. On the left side you can see that there is a list of the sheets you have made from your current data source.

To build your dashboard, drag the sheet you want in to the centre where it says *Drop sheets here*. For our purposes, we will need to drag Sheet 1 and Sheet 2 where the map and line graph are saved. When you drag, you will notice an area of your screen will shade over where your graph will drop when you put it down. Organize your dashboard to look like the following:

Now to add titles to the graphs that were chosen, double click on the automatic titles generated based on the sheet name, and a new window should appear, type in a title that describes the graph like so:
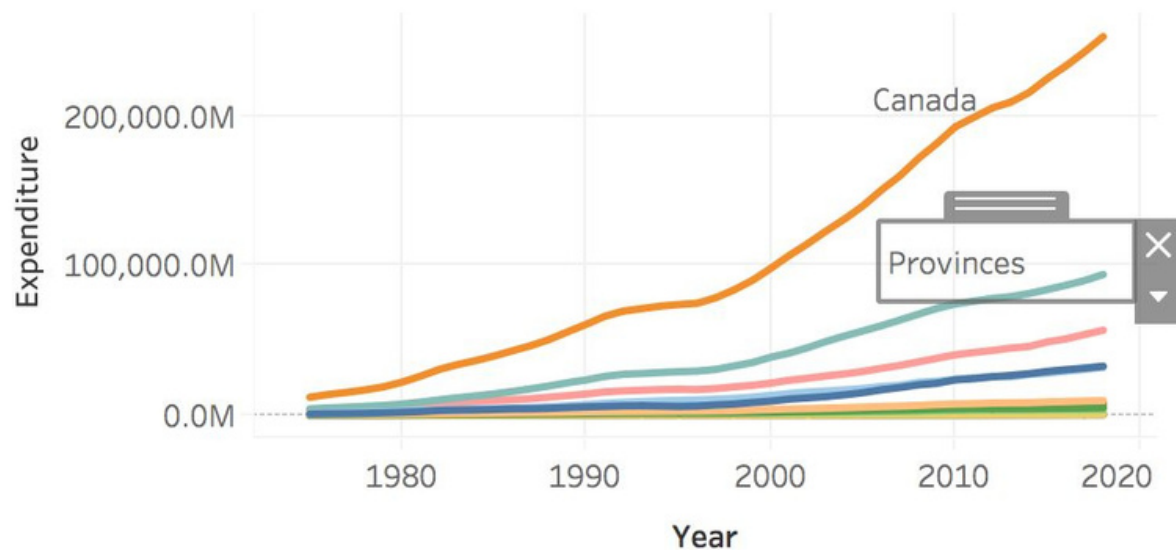
We can also add additional titles and objects to the dashboard by choosing an object from the Objects side panel and dragging it to the dashboard. We are going to add titles to the bottom line graph to differentiate between the Ca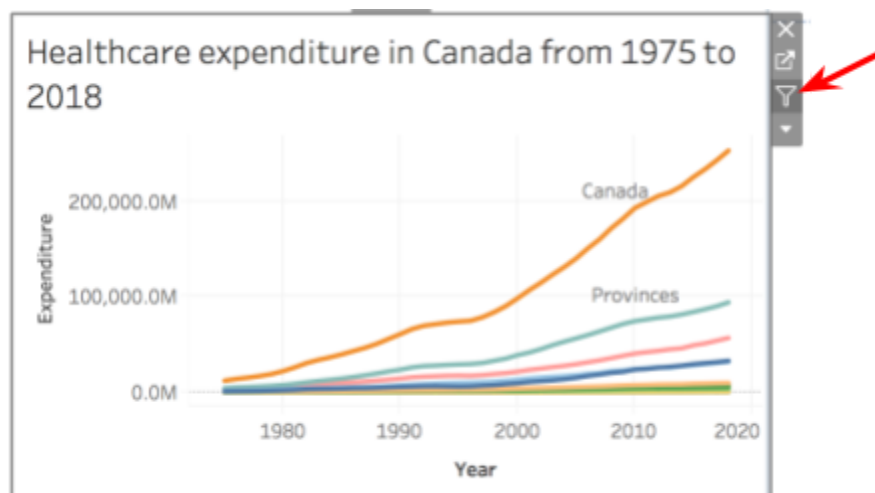nada line and the provinces. To do this, drag $\overset{\text{A}}{}$ Text to the area near the orange line that corresponds to the sum of all provinces expenditure throughout the years. Type in "Canada". Drag

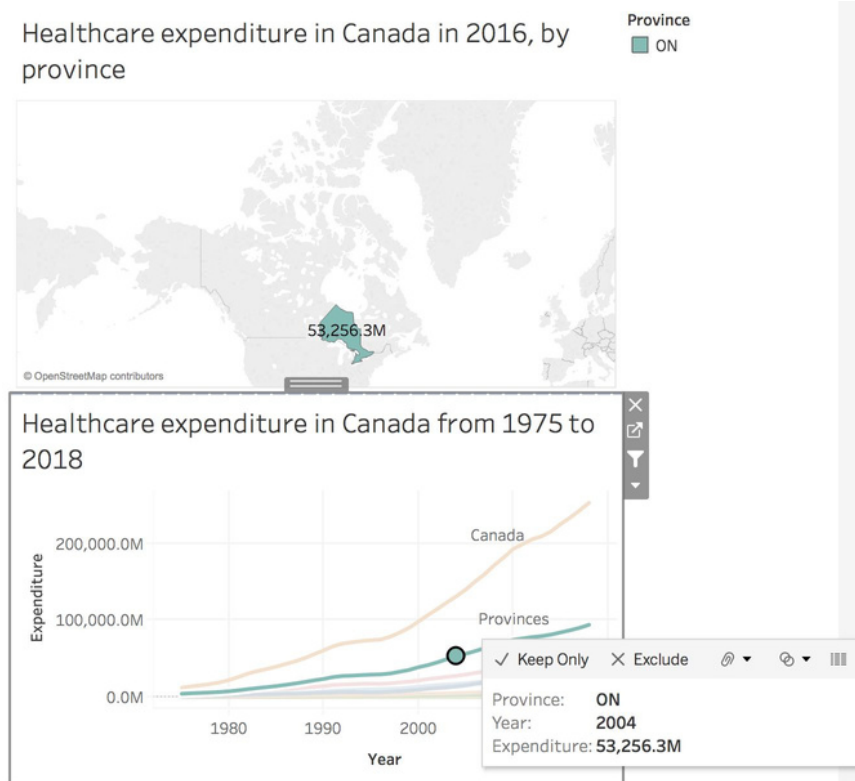A   Text   once more to label the remaining provinces. Your bottom graph should look like this:

Now, to add an interactive layer between the graphs, we can choose a graph that can act as a filter to the other. We will choose the line graph to act as a filter to the map. To do this, click on the line graph and a grey sidebar should appear. From this bar, click the filter icon to use this graph as a filter:

Now, when you click a given line, it will be highlighted on the above map:

Congrats, now you have an interactive dashboard that is ready to be published or saved!