Lab 1 Parameters

Data source used - <https://raw.githubusercontent.com/nytimes/covid-19-data/master/us-states.csv>

| Click Steps | Screen Shots |
| --- | --- |
| 1. Open Power BI. 2. Click Get Data. 3. In the Get Data box select Web. 4. Click Connect. |  |
| 1. Paste <https://raw.githubusercontent.com/nytimes/covid-19-data/master/us-states.csv> into the From Web 2. Click OK. 3. On the next screen, click Load. |  |
| 1. Drop in a New Line chart onto the blank canvas. |  |
| 1. Add date to the Axis field well. 2. Add cases to the Values field well. |  |
| 1. On the line chart, click the expand hierarchy button four times until it goes grey. |  |
| 1. Your line chart should look like this. This is the sum total. Unfortunately, we need to get the differences.   Because of the way the data is laid out, it won’t be easy to take the difference from each cell.  Parameterizing the query will help. |  |
| 1. To parameterize the query, we’ll need to get back into the query editor.   Open Power Query by going to the home Tab. Click Transform data > transform data. |  |
| 1. Right click on us-states and select Duplicate. |  |
| 1. Rename the new query to state-list. |  |
| 1. Right-click state and select Remove other Columns. |  |
| 1. Right-click state and select Remove Duplicates. |  |
| 1. From on the Transform tab click Convert to List |  |
| 1. Let’s now add a new parameter. |  |
| 1. In the Manage Parameters dialogue box, do the following:  * Type SelectedState into the Name box * In the SuggestedValues dropdown select Query * In the Query, select state-list * In Current Value type New York |  |
| 1. Select us-states |  |
| 1. From the state filter drop down select only Alabama. Click OK. |  |
| 1. From on the Home tab select Advanced Editor. |  |
| 1. Replace “Alabama” with select SelectedState like the image shown on the right. 2. Click OK. 3. Click Close & Apply. |  |
| 1. From the Transform data select Edit parameters. |  |
| 1. Use this dialog box to change parameters. |  |