

Introduction to ArcGIS Online – Part 2

Jan. 21, 2020

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BOSTON
UNIVERSITY

Housekeeping

- **My assistant: Yun Shen**
- **This session is recorded.**
- **Ask questions in the Chat.**

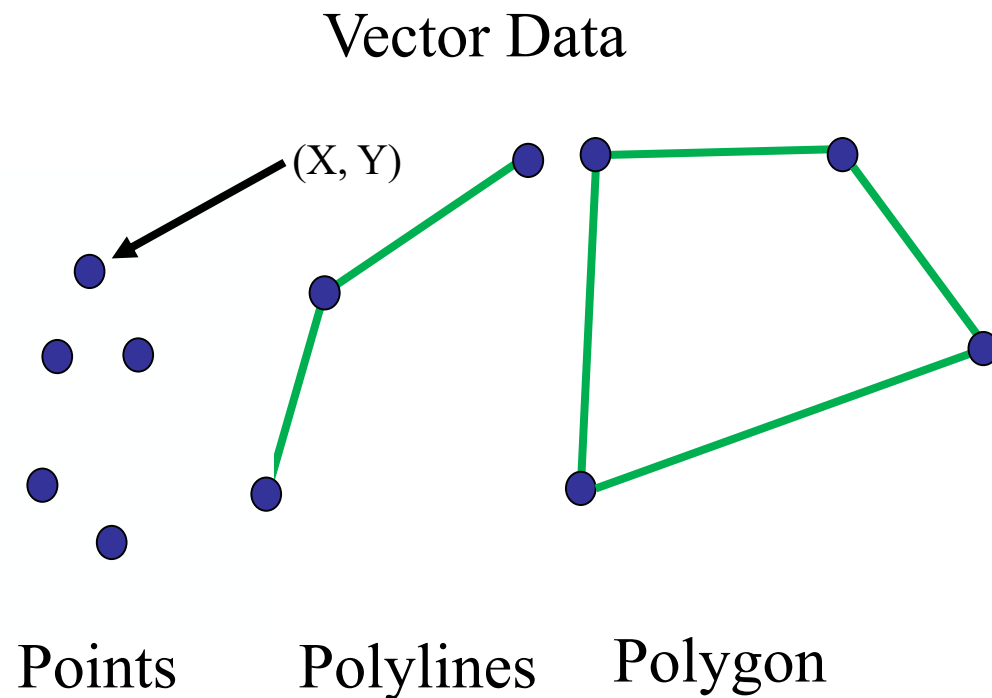
Outline

- Part 1
 - ArcGIS Online –What is it?
 - General Workflow (Step 1 - 2)
 - [Explore ArcGIS Online](#) (Hands On)

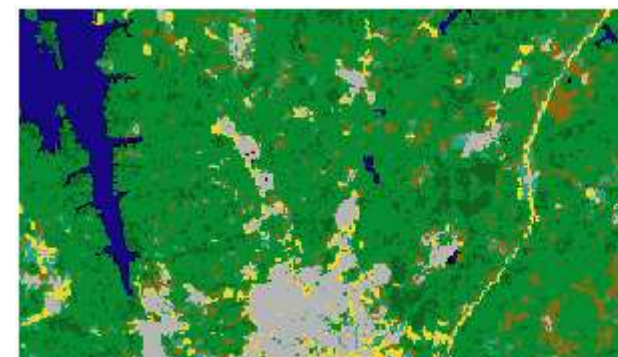
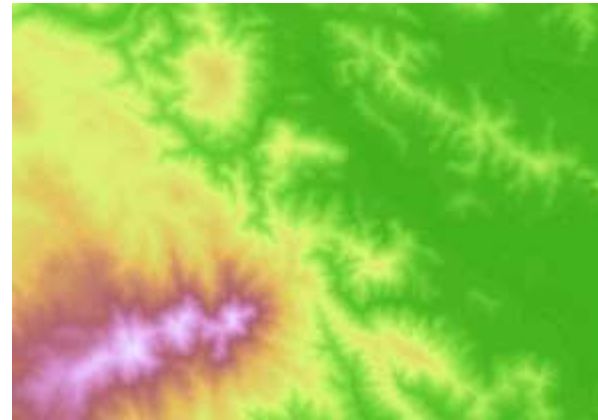
- Part 2
 - Review Steps 1 and 2
 - General Workflow (Step 3 – 4)
 - Permissions
 - [Create Application/StoryMap](#) (Hands On)

Step 1 – Find Layers

Step 1 – Find Layers



Raster Data



Step 1 – Find Layers

- We found US County Boundaries layer in Living Atlas

The screenshot displays the ArcGIS Online interface. At the top, there is a navigation bar with tabs for 'My Content', 'My Favorites', 'My Groups', 'My Organization', and 'Living Atlas'. The 'Living Atlas' tab is selected. Below the navigation bar, there are filters for 'List', 'Date Modified', and 'Filter'. The main content area shows a search result for 'United States County Boundaries 2018'. On the left, there is a thumbnail map of the United States with county boundaries highlighted in yellow. To the right of the map, the title 'United States County Boundaries 2018' is displayed, followed by 'Feature Layer by Esri'. Below the title, a description states: 'This layer shows the County level boundaries of United States in 2018. The boundaries are optimized to improve Data Enrichment analysis performance.' Further down, it shows 'Created: May 16, 2019', 'Updated: Jan 7, 2020', and 'View Count: 6,074'. At the bottom, there are three tags: 'Authoritative', 'Living Atlas', and 'Subscriber'. On the far right, there are icons for sharing, favoriting, and a menu.

Step 1 – Find Layers

- We uploaded data and made it spatial by joining it with an existing layer.

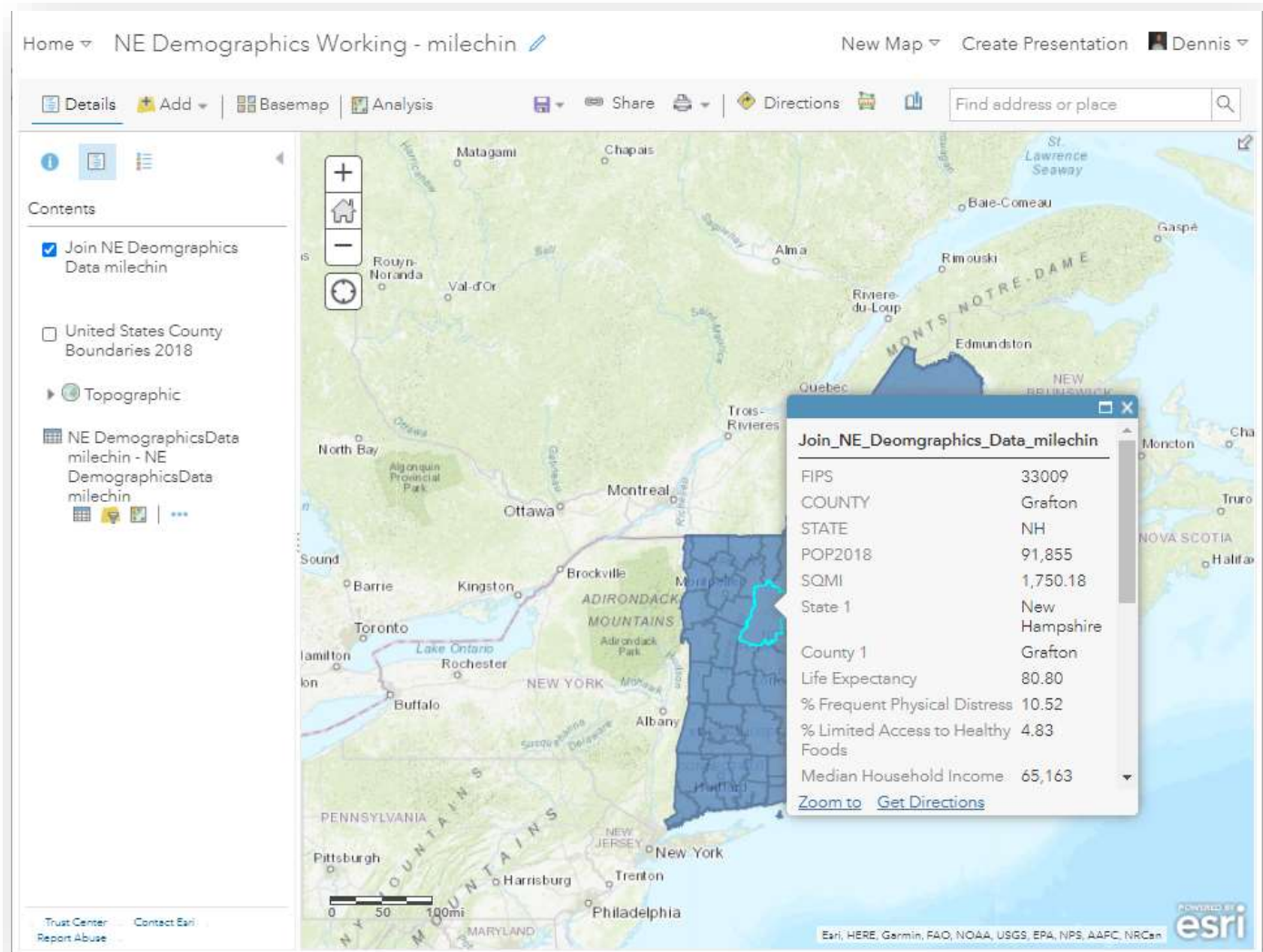
The screenshot shows the ArcGIS Online interface. At the top, there is a navigation bar with tabs: 'My Content' (selected), 'My Favorites', 'My Groups', 'My Organization', and 'Living Atlas'. Below the navigation bar is a search bar containing the text 'Search 2020_Bootcamp_test'. To the right of the search bar are buttons for 'Table', 'Date Modified', and 'Filter'. Below the search bar, there is a section titled '1 - 3 of 3 in 2020_Bootcamp_test'. This section includes a 'Filters' dropdown set to 'Type: Layers' and a 'Clear filters' link. Below this, there is a table of search results. The table has columns for 'Title', 'Type', 'Owner', 'Star', and 'Modified'. The results are as follows:

<input type="checkbox"/>	Title	Type	Owner	Star	Modified
<input type="checkbox"/>	Join_NE_Deomgraphics_Data_milechin	Feature Layer (hosted)		...	Jan 7, 2021
<input type="checkbox"/>	NE_DemographicsData_milechin	Table (hosted)		...	Jan 7, 2021
<input type="checkbox"/>	NE_DemographicsData_milechin	CSV		...	Jan 7, 2021

Step 2 – Web Map

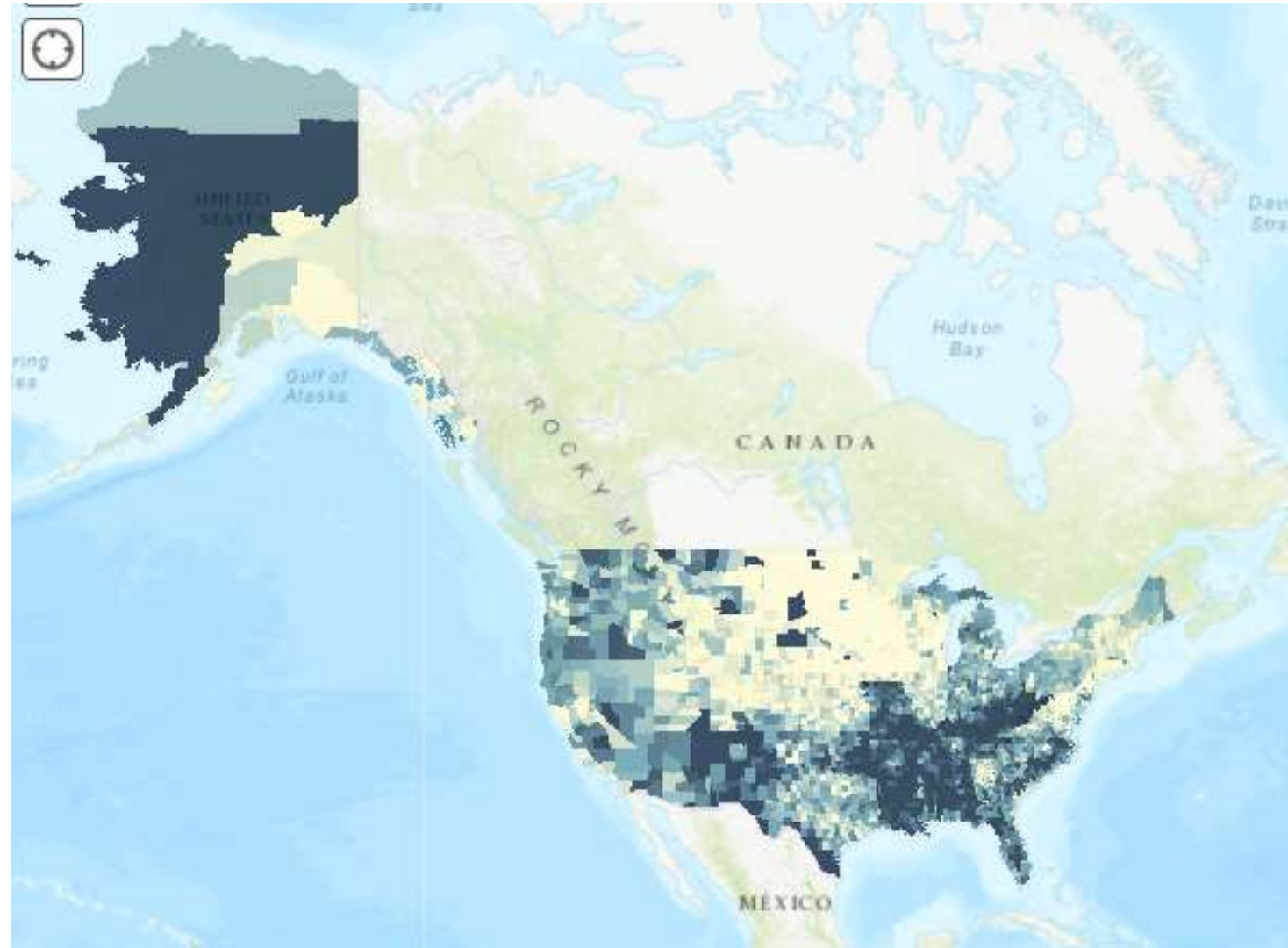
Step 2 – Web Map

- Created a Web Map for New England



Step 2 – Web Map

- Created a web map for the US symbolizing Frequent Physical Distress attribute.



Step 3 – Create App

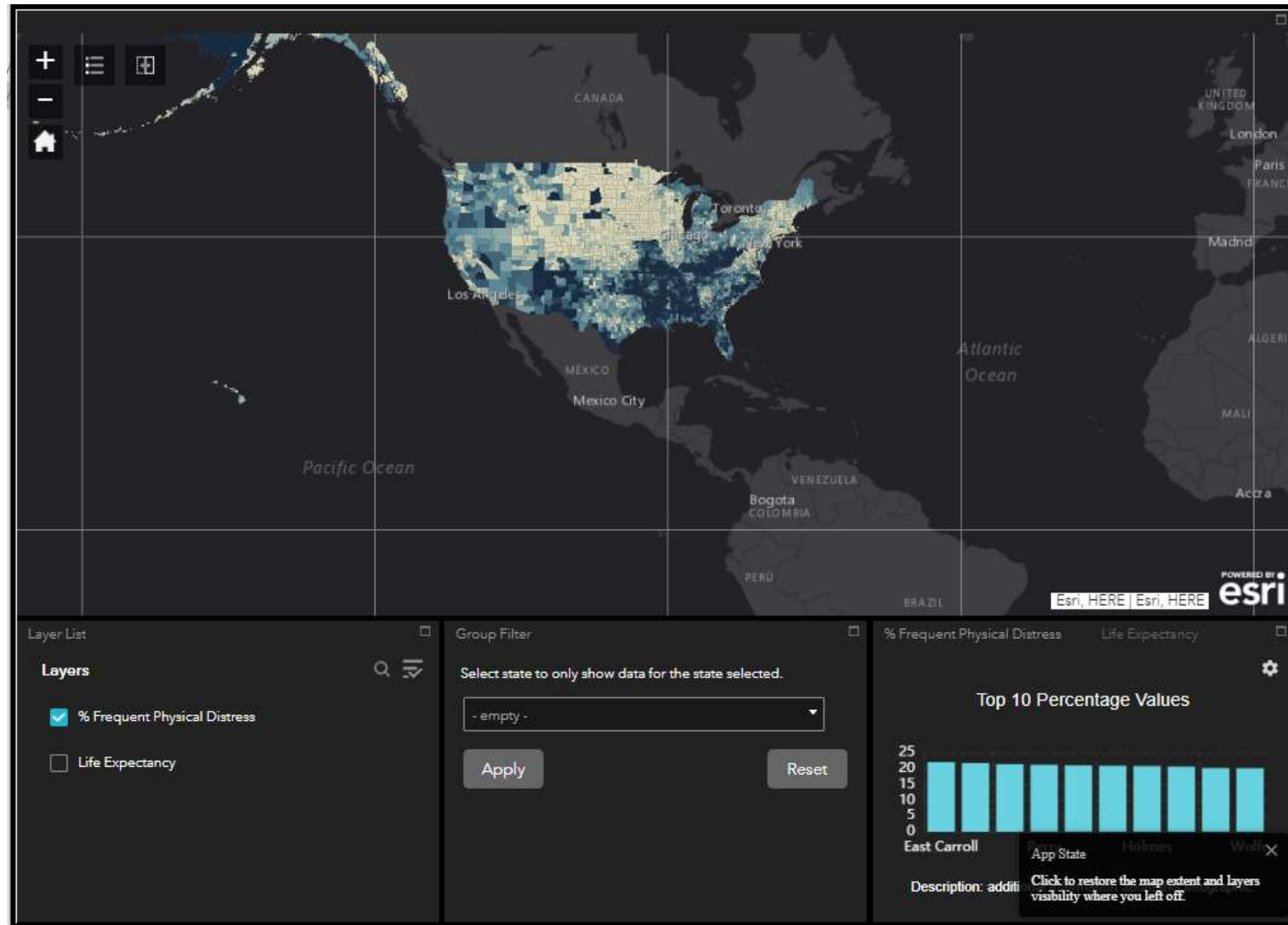
Step 3 – Create App

Today we will explore two application:

- Web AppBuilder - <https://doc.arcgis.com/en/web-appbuilder/>
- StoryMap - <https://storymaps.arcgis.com/stories/cea22a609a1d4cccb8d54c650b595bc4>

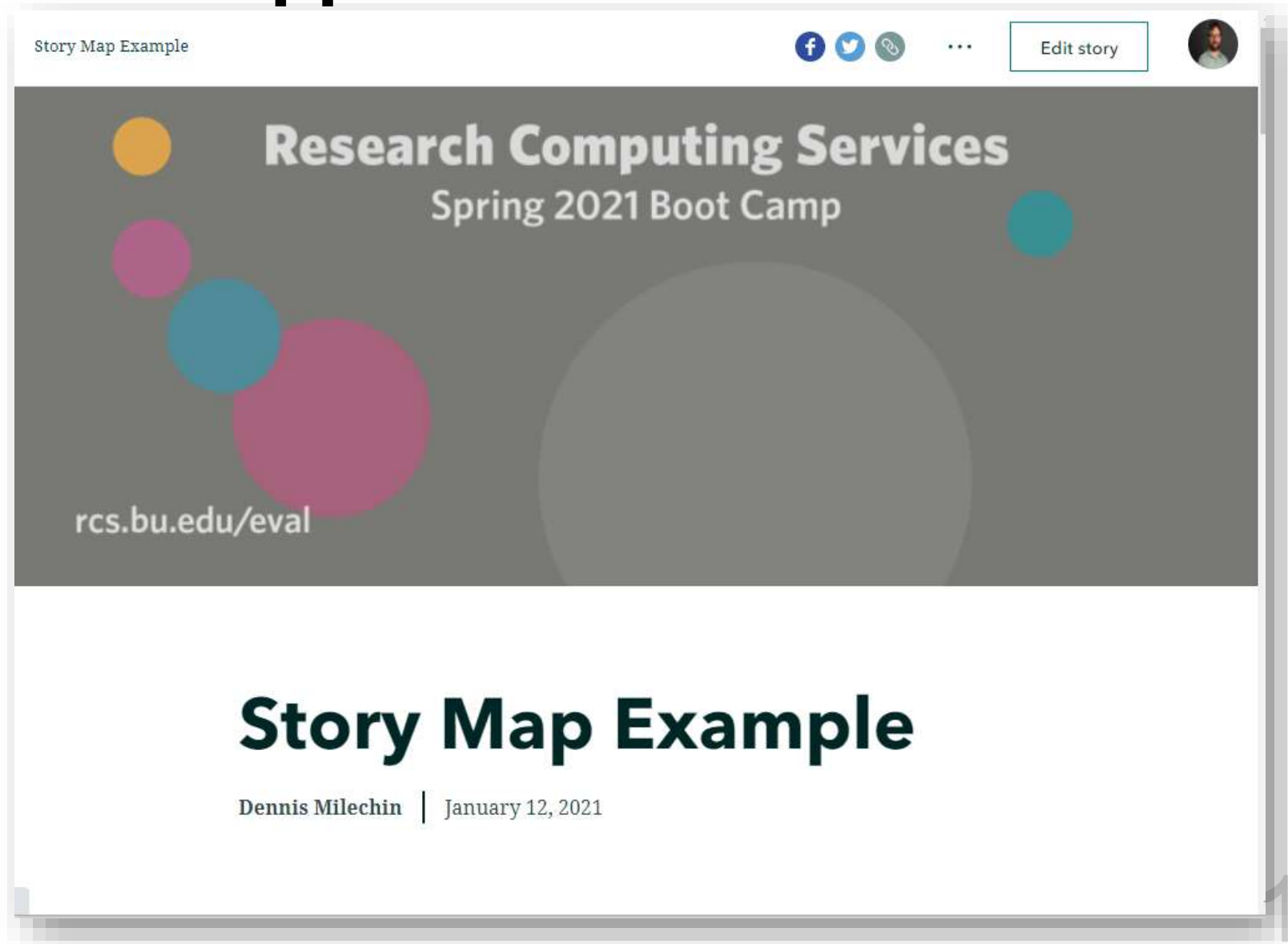
Step 3 – Create App

- Web AppBuilder



Step 3 – Create App


- StoryMap




<https://storymaps.arcgis.com/stories/b716b072e7174b2c9bb50882589dbbbd>

Workflow so far...





- Step 1 - Create/Find Layer

<input type="checkbox"/>	 Boston Subway_WFL1	Feature Layer (hosted)		☆ ...	Feb 5, 2020
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- Step 2 – Add layer to Web Map or Web Scene

<input type="checkbox"/>	 Boston_subway	Web Scene		☆ ...	Sep 21, 2020
<input type="checkbox"/>	 Boston Subway	Web Map		☆ ...	Sep 21, 2020

- Step 3 – Add Web Map or Web Scene to Apps or StoryMap

<input type="checkbox"/>	 Boston Subway	StoryMap		☆ ...	Sep 21, 2020
<input type="checkbox"/>	 Boston Subway - App	Web Mapping Application		☆ ...	Sep 21, 2020

Step 4 - Permissions

Step 4 - Permissions



Owner/Private – Only you can see it.



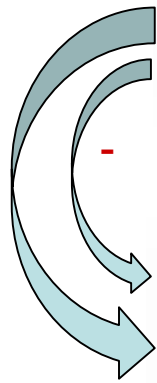
My Organization – Anyone at BU with an ArcGIS online account can see it.



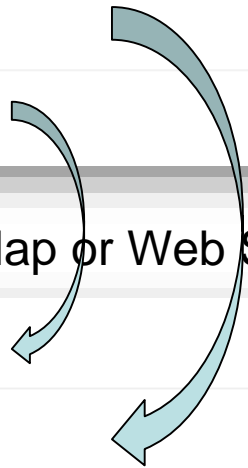
Everyone/Public – The entire world can see it.

Workflow so far...











- Step 1 - Create/Find Layer



- Step 2 – Add layer to Web Map or Web Scene

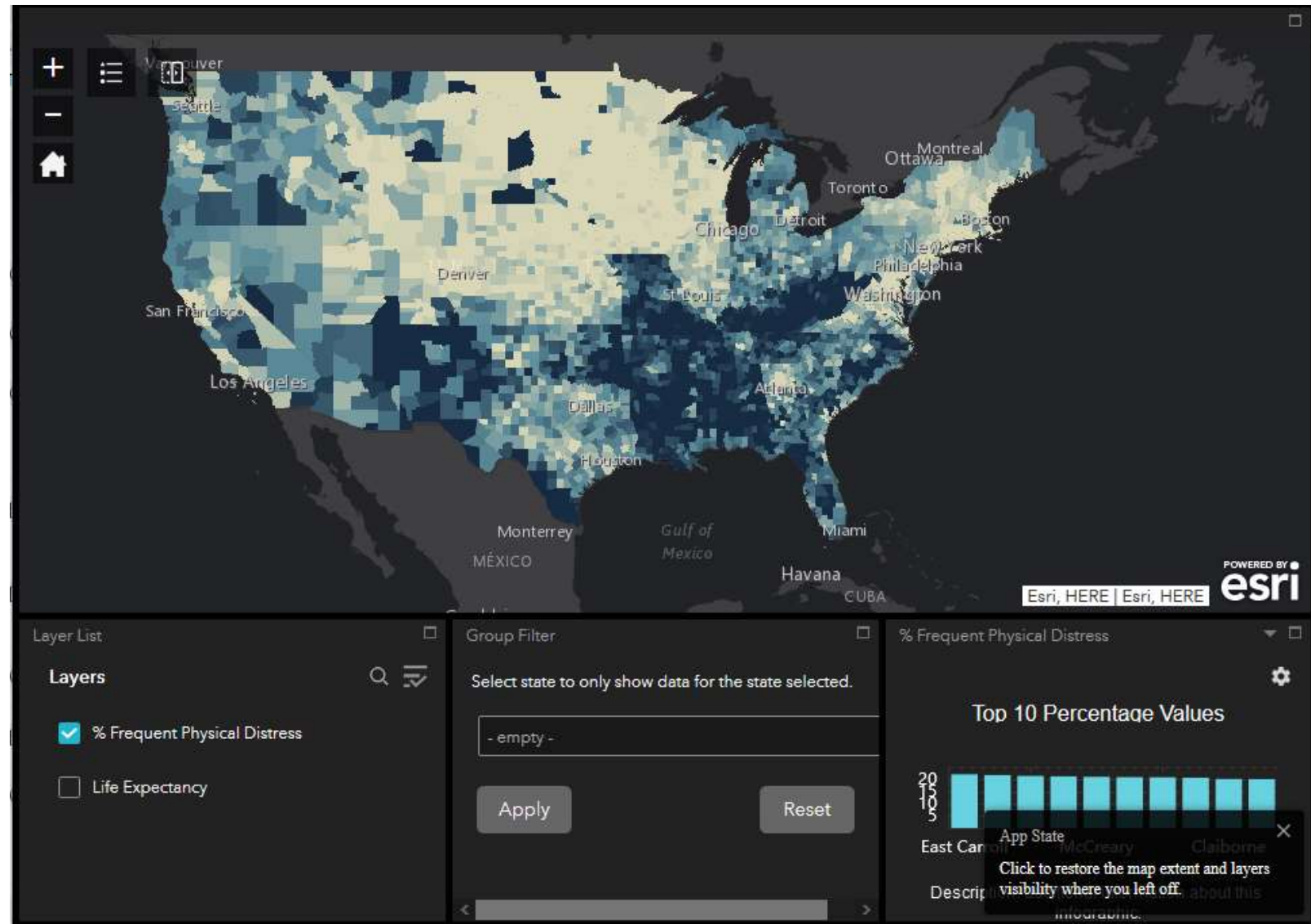


- Step 3 – Add Web Map or Web Scene to Apps or StoryMap

<input type="checkbox"/>	 Boston Subway_WFL1	Feature Layer (hosted)		☆ ...	Feb 5, 2020
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Only you can view it.

Step 4 - Permissions



Workflow so far...

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<input type="checkbox"/>	 Boston Subway	Web Map		☆ ...	Sep 21, 2020
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- Step 3 – Add Web Map or Web Scene to Apps or StoryMap

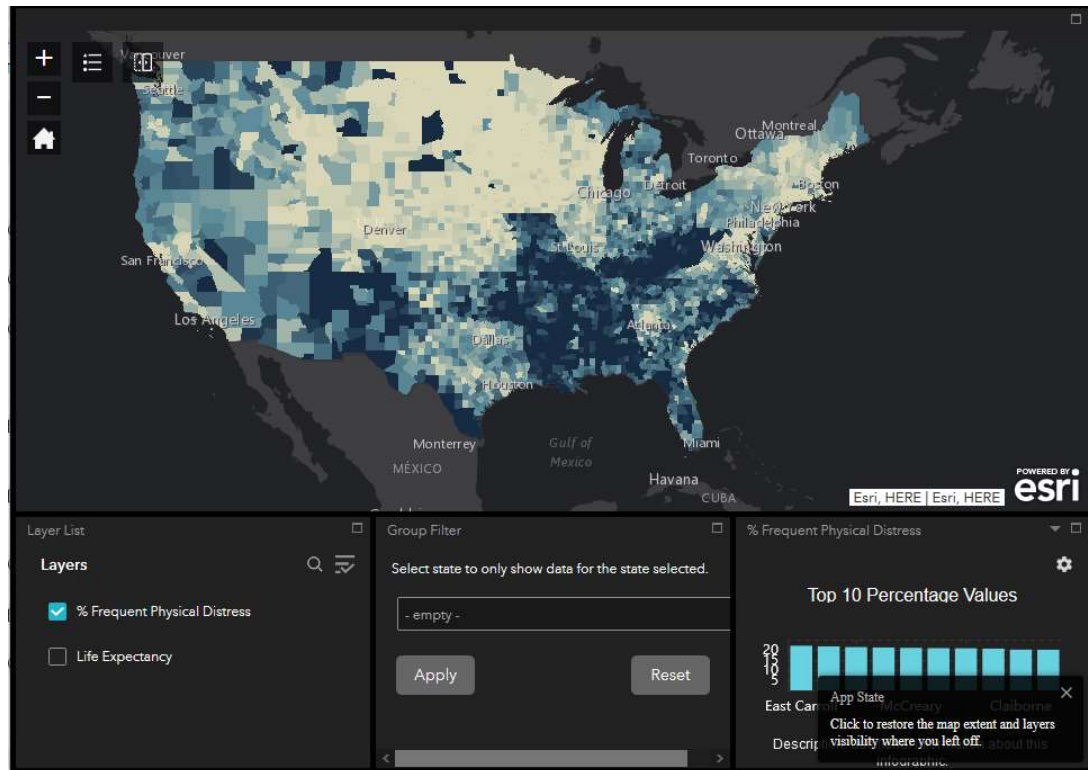
<input type="checkbox"/>	 Boston Subway	StoryMap		☆ ...	Sep 21, 2020
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<input type="checkbox"/>	 Boston Subway - App	Web Mapping Application		☆ ...	Sep 21, 2020
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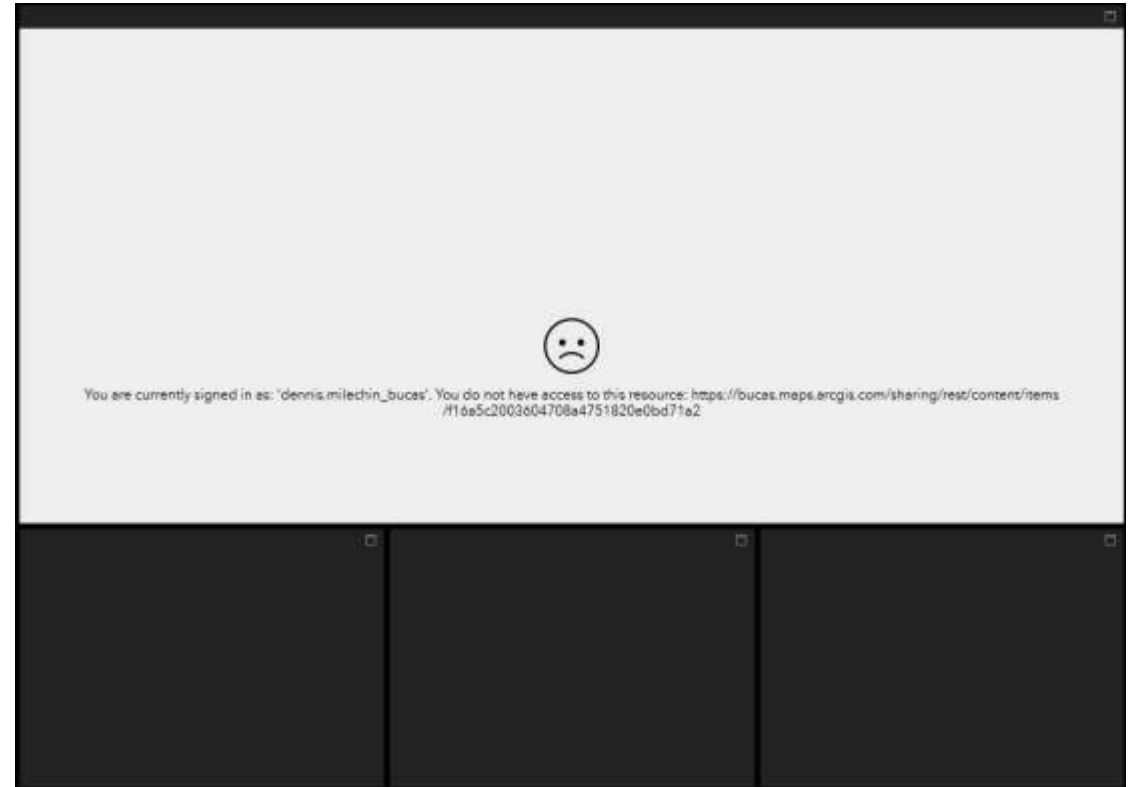
Web Map will not load for the user.

Step 4 - Permissions

What you see.



What everyone else sees.







Workflow so far...





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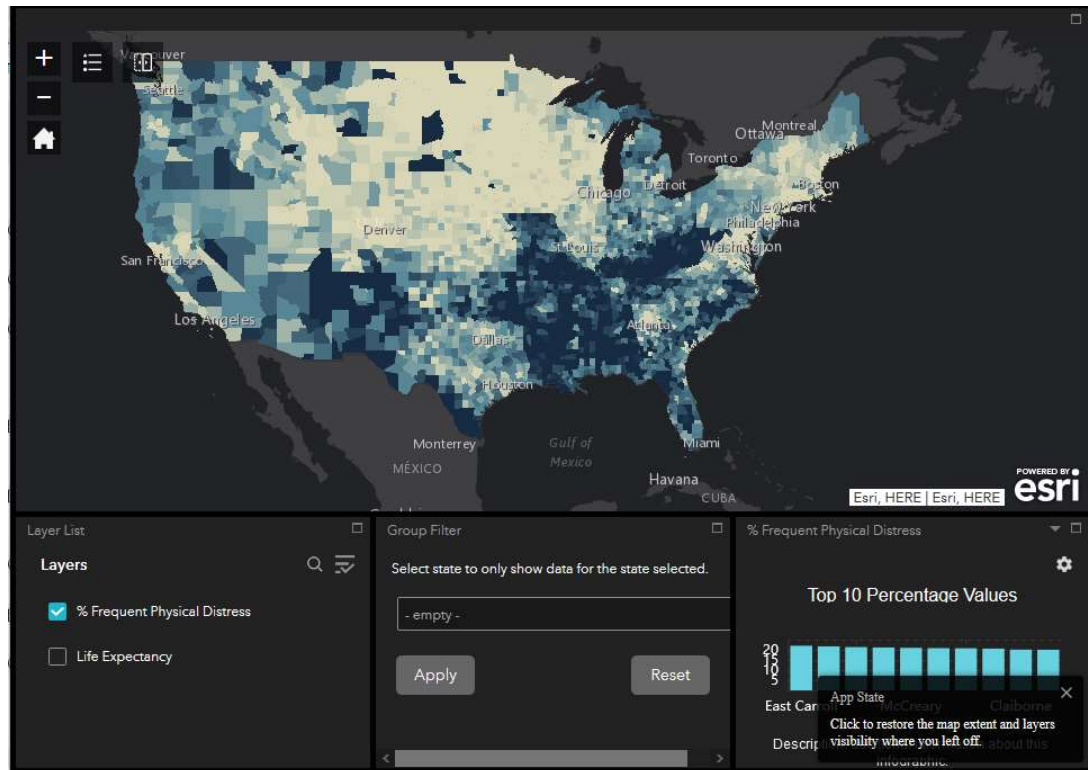
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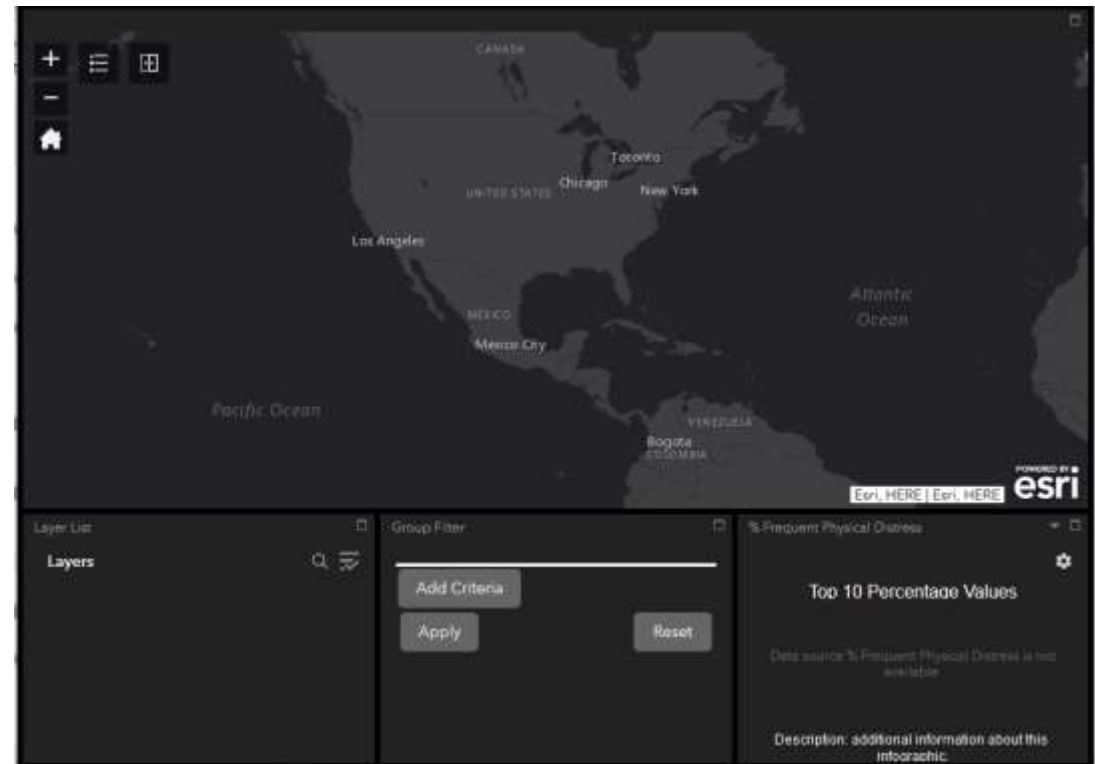
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Step 4 - Permissions

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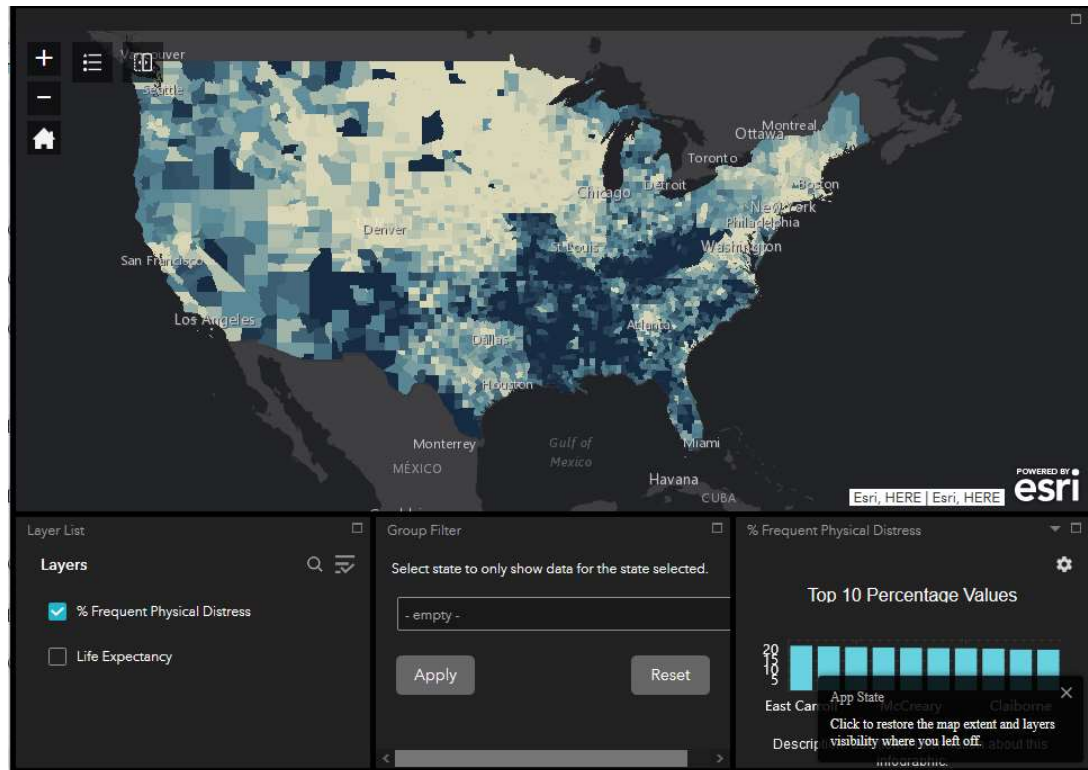
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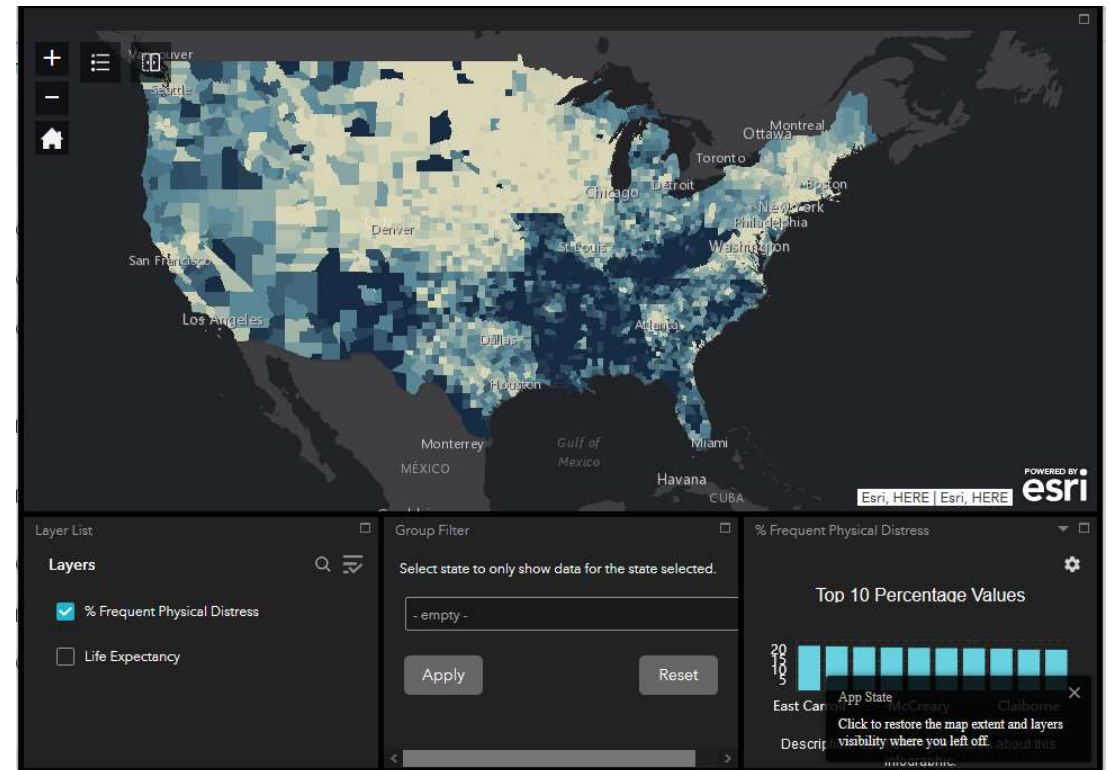
<input type="checkbox"/>	 Boston Subway - App	Web Mapping Application		☆ ...	Sep 21, 2020
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Step 4 - Permissions

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Workflow so far...

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<https://bucas.maps.arcgis.com/>

Username: <bu_username>_bucas

Example: milechin_bucas

[Hands On Instruction](#)

Questions

Email me at:
help@scc.bu.edu