

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.**

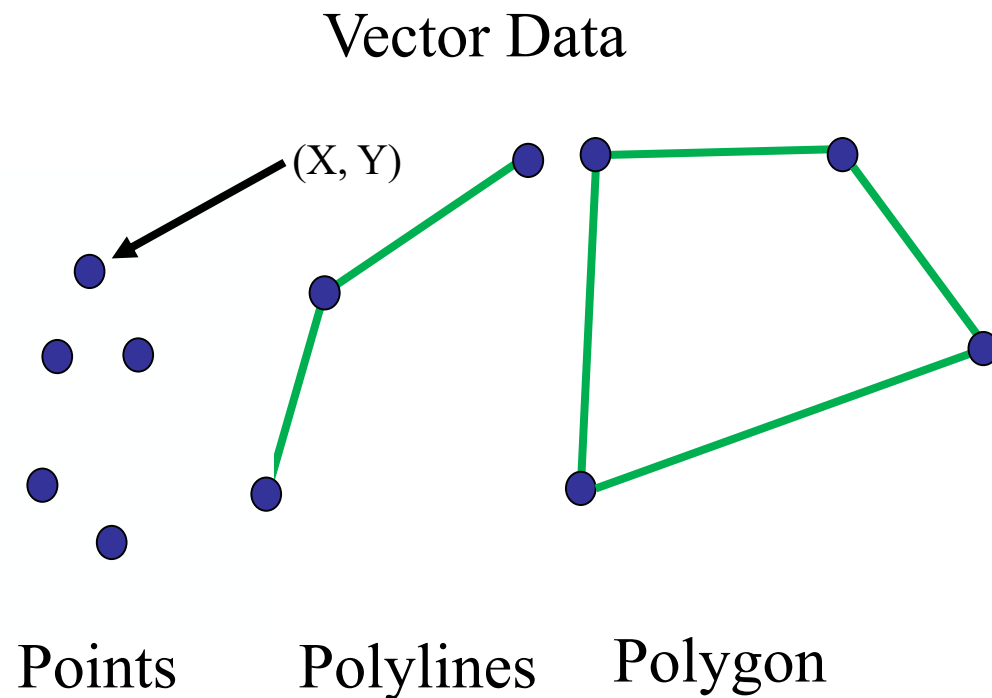
Outline

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

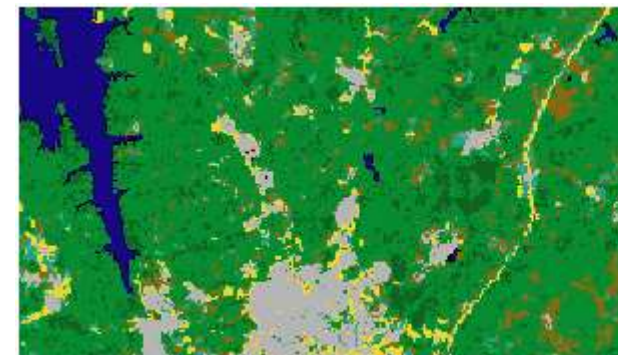
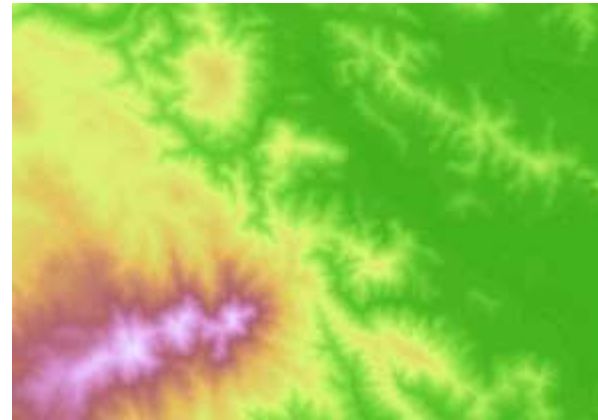
- Part 2
 - Review Steps 1 and 2
 - General Workflow (Step 3 – 4)
 - Permissions
 - [Create Application/StoryMap](#) (Hands On)

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 '1 - 1 of 1' results. The first result is a map thumbnail showing the United States with county boundaries. To the right of the thumbnail, the title 'United States County Boundaries 2018' is displayed. Below the title, it says 'Feature Layer by Esri'. A description follows: 'This layer shows the County level boundaries of United States in 2018. The boundaries are optimized to improve Data Enrichment analysis performance.' Below the description, the creation and update dates are listed: 'Created: May 16, 2019' and 'Updated: Jan 7, 2020', along with the 'View Count: 6,074'. At the bottom of the result card, there are three tags: 'Authoritative', 'Living Atlas', and 'Subscriber'. On the far right of the card, 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.

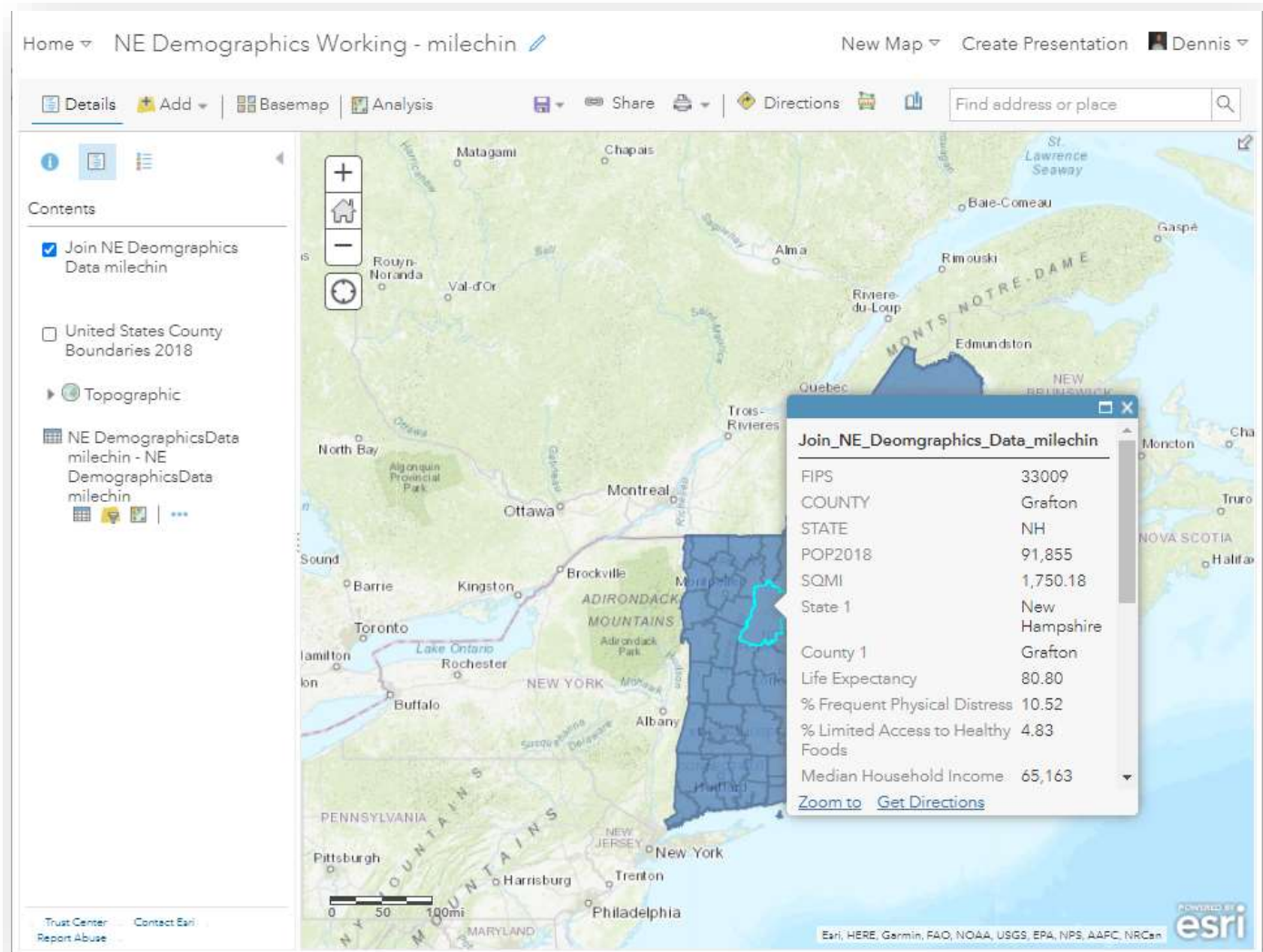
The screenshot shows the ArcGIS Online interface. At the top, there is a navigation bar with tabs: 'My Content' (selected), 'My Favorites', 'My Groups', 'My Organization', and 'Living Atlas'. Below the navigation bar is a search bar containing the text 'Search 2020_Bootcamp_test'. To the right of the 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

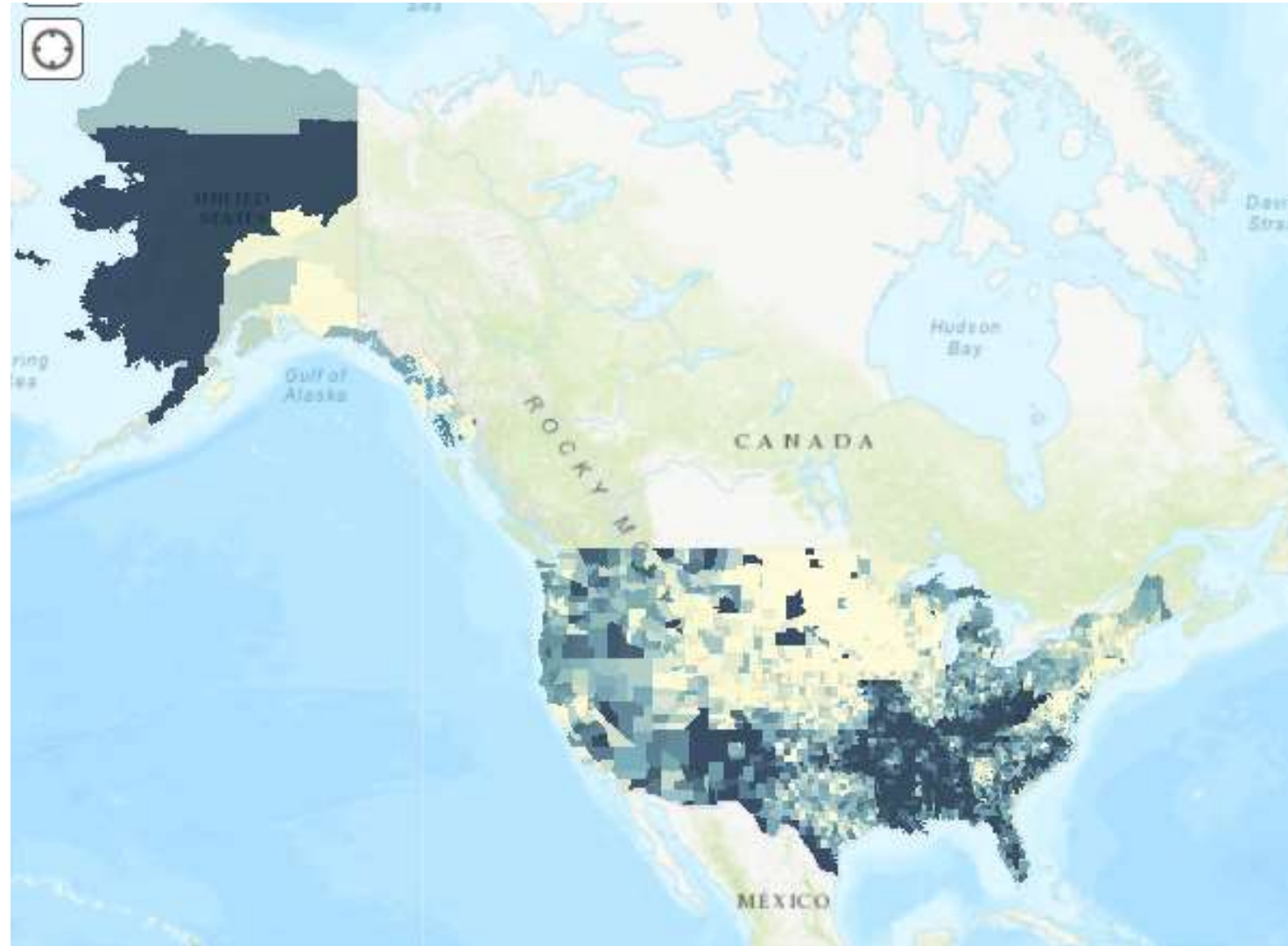
Step 2 – Web Map

- Created a Web Map for New England



Step 2 – Web Map

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



Step 2 – Web Map

My Content

My Favorites

My Groups

My Organization

Living Atlas

Search 2020_Bootcamp_test

Table

Date Modified

Filter

1 - 6 of 6 in 2020_Bootcamp_test

Title

Modified

NE_DemographicsData_milechin

CSV

</

Non-spatial data

Layer

Web Maps

Step 3 – Create App

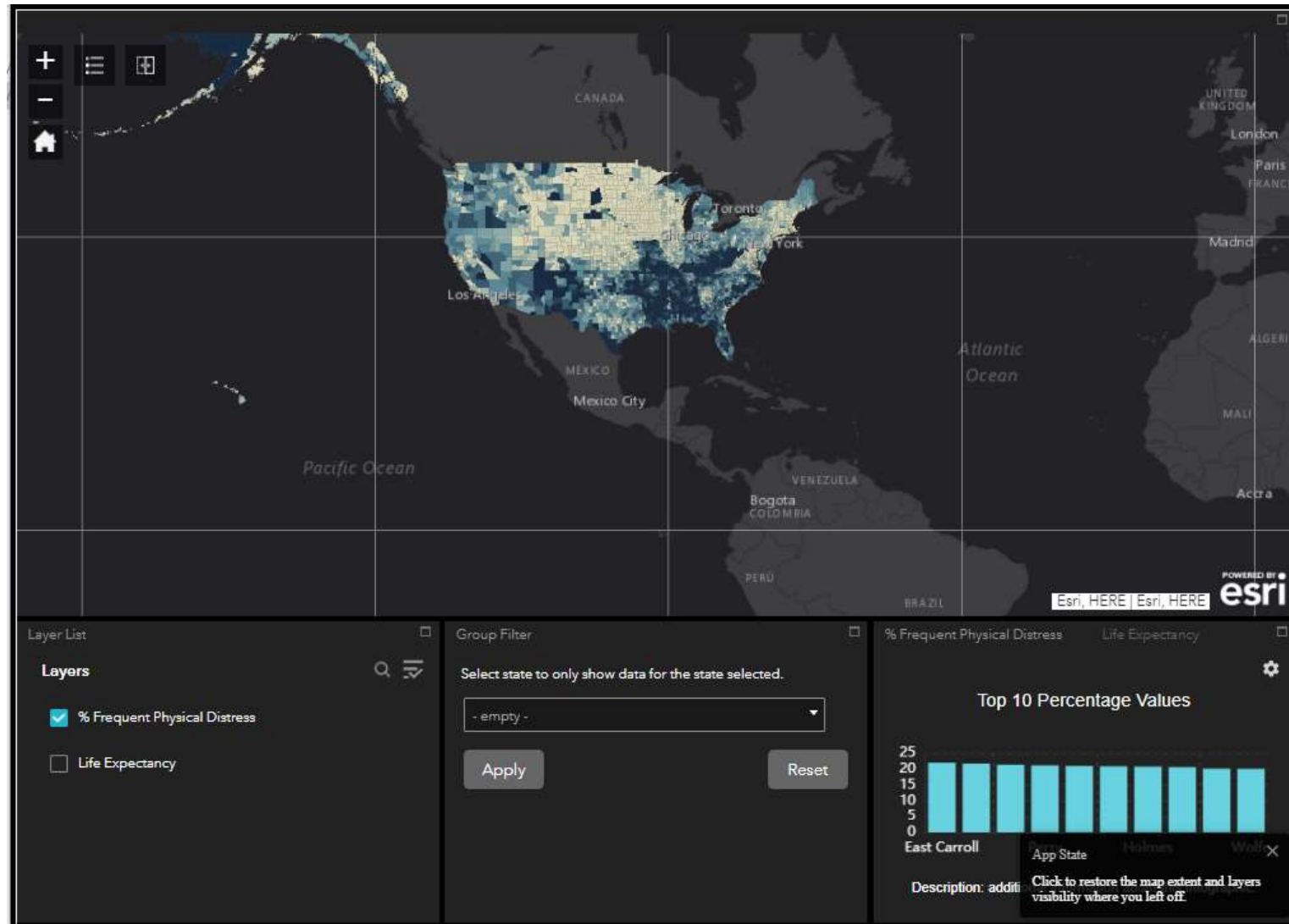
Step 3 – Create App

Today we will explore two application:

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

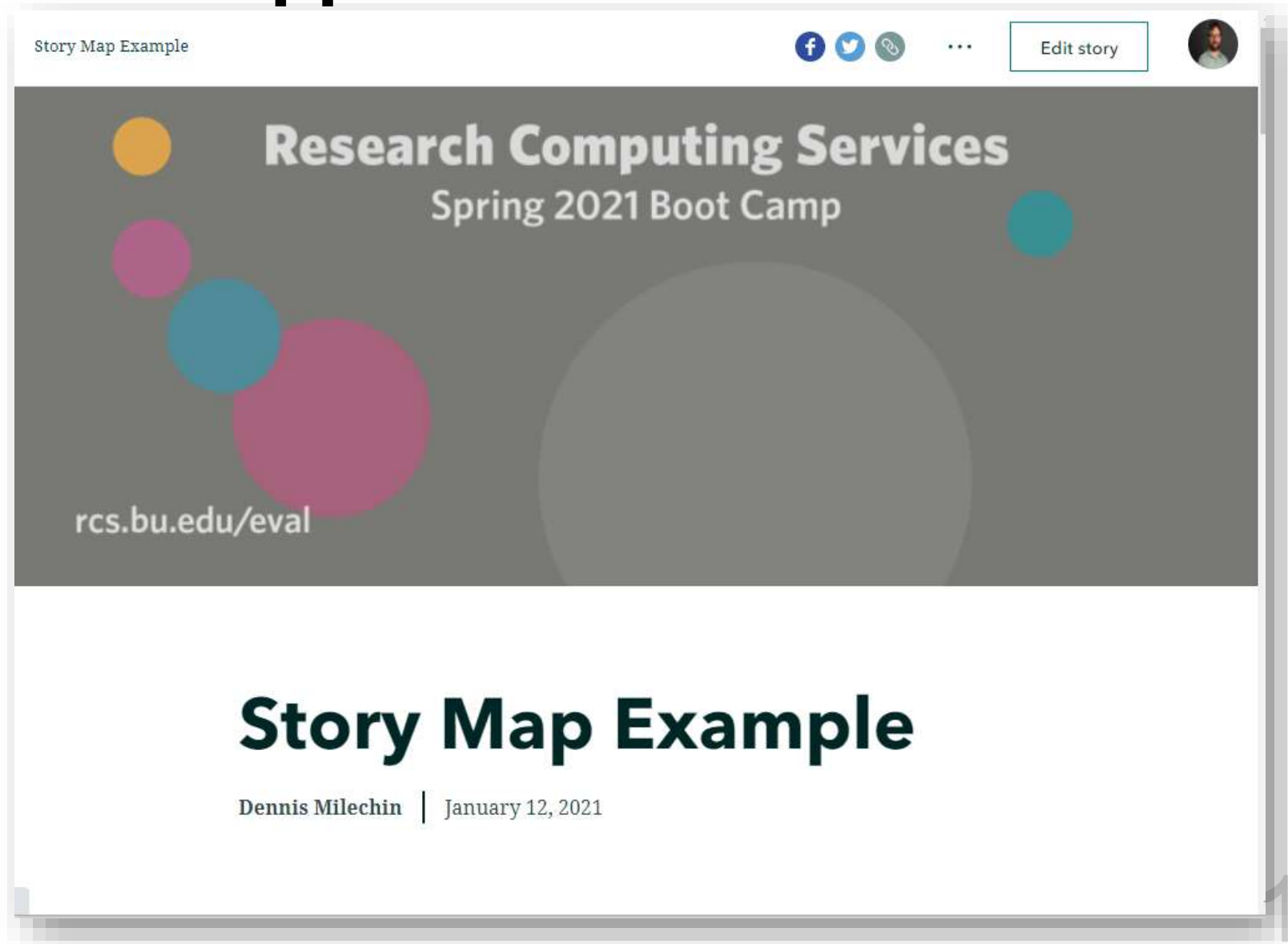
Step 3 – Create App

- 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


☐  Boston Subway_WFL1

Feature Layer (hosted)



Feb 5, 2020

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

☐  Boston_subway

Web Scene



Sep 21, 2020

☐  Boston Subway

Web Map



Sep 21, 2020

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

☐  Boston Subway

StoryMap



Sep 21, 2020

☐  Boston Subway - App

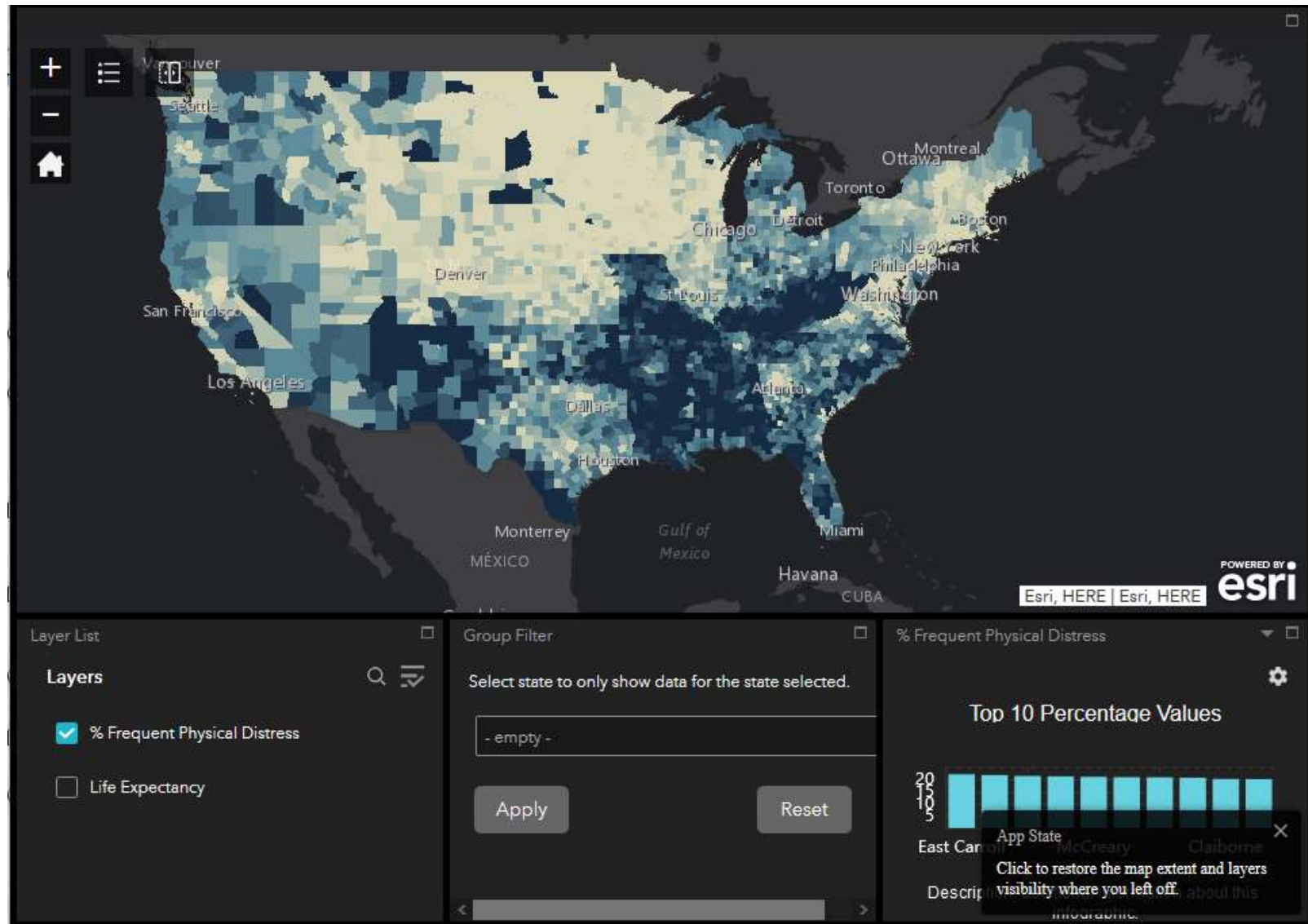
Web Mapping Application



Sep 21, 2020

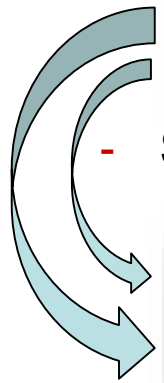
Only you can view it.

Step 4 - Permissions

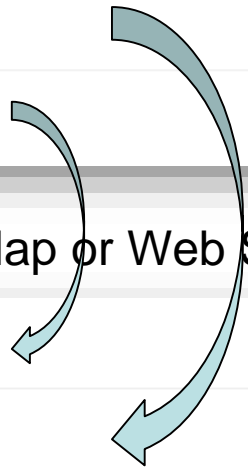


Workflow so far...











- Step 1 - Create/Find Layer



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



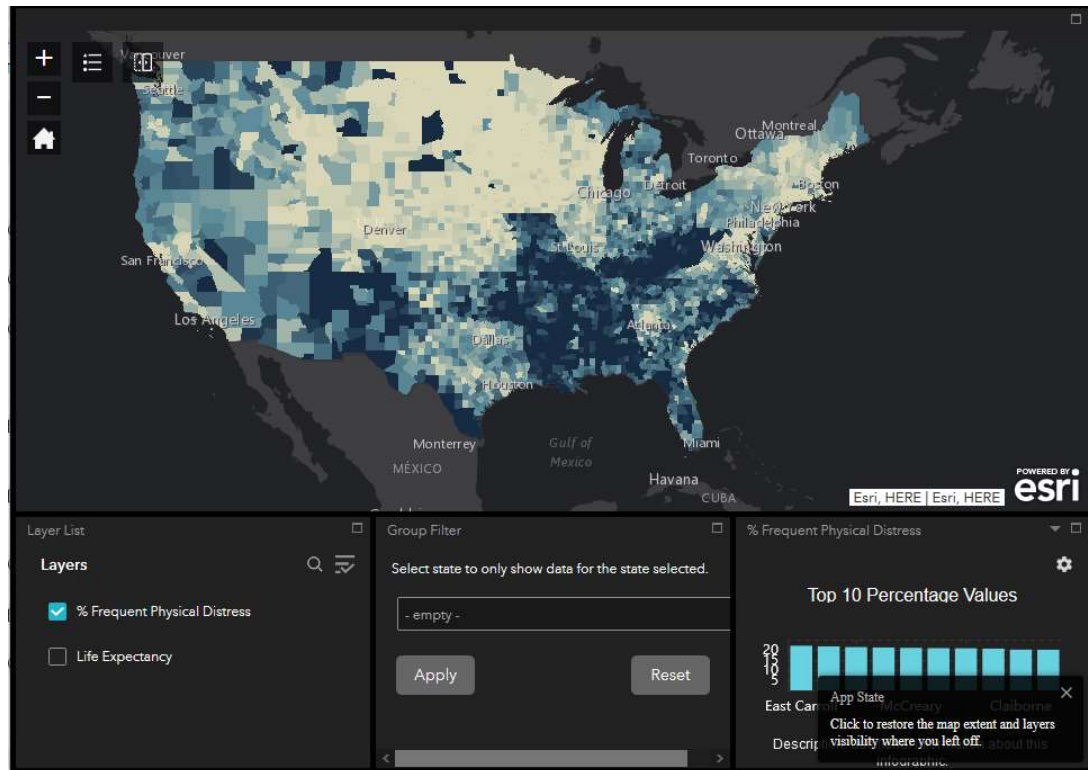
- Step 3 – Add Web Map or Web Scene to Apps or StoryMap

<input type="checkbox"/>	 Boston Subway_WFL1	Feature Layer (hosted)		☆ ...	Feb 5, 2020
<input type="checkbox"/>	 Boston_subway	Web Scene		☆ ...	Sep 21, 2020
<input type="checkbox"/>	 Boston Subway	Web Map		☆ ...	Sep 21, 2020
<input type="checkbox"/>	 Boston Subway	StoryMap		☆ ...	Sep 21, 2020
<input type="checkbox"/>	 Boston Subway - App	Web Mapping Application		☆ ...	Sep 21, 2020

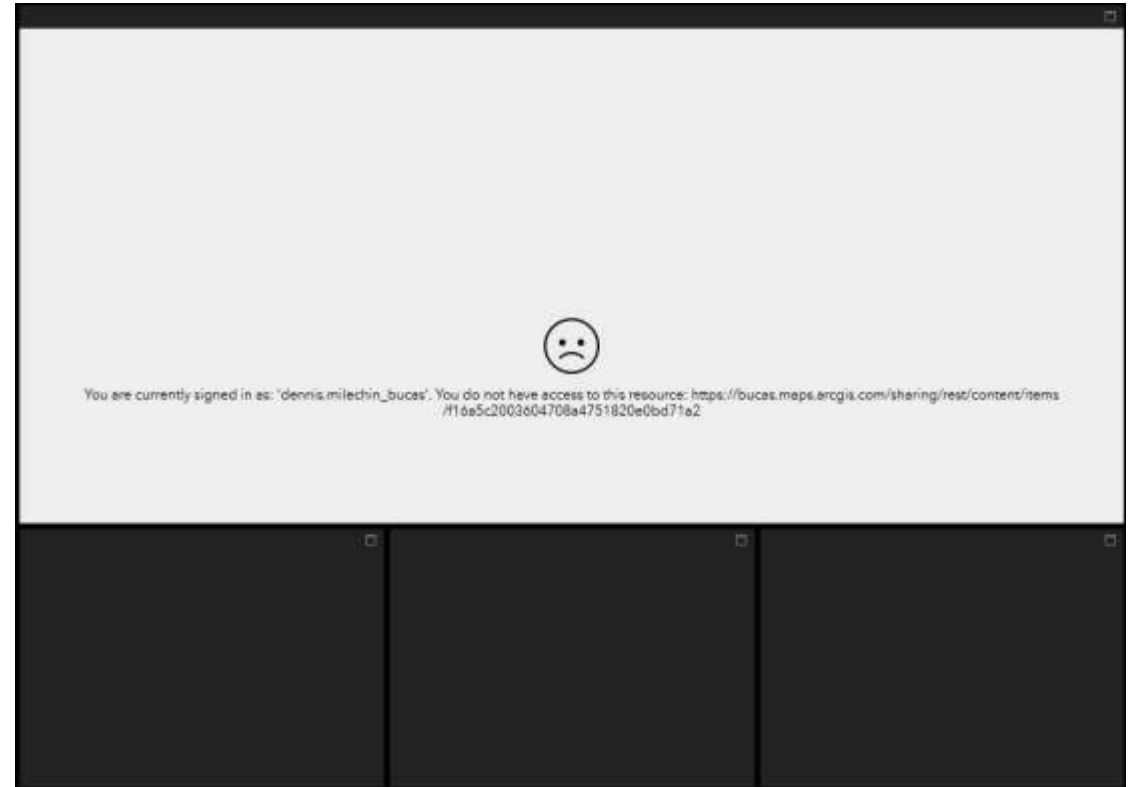
Web Map will not load for the user.

Step 4 - Permissions

What you see.



What everyone else sees.







Workflow so far...





- Step 1 - Create/Find Layer

<input type="checkbox"/>	 Boston Subway_WFL1	Feature Layer (hosted)		☆ ... Feb 5, 2020
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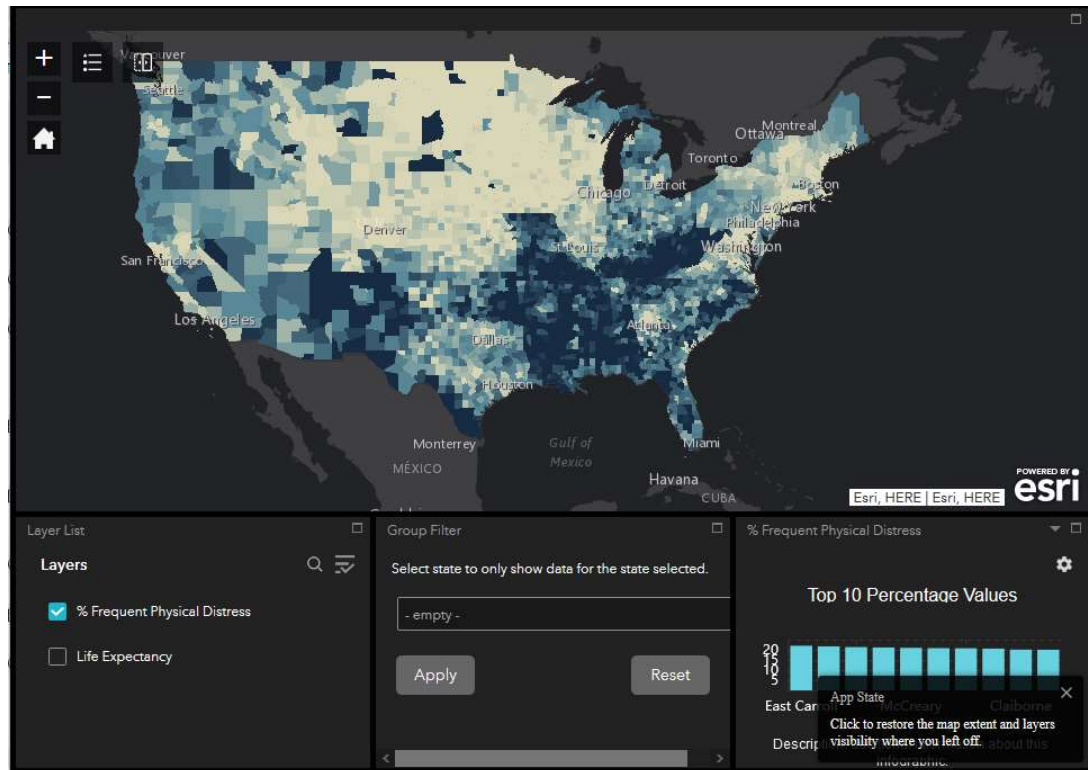
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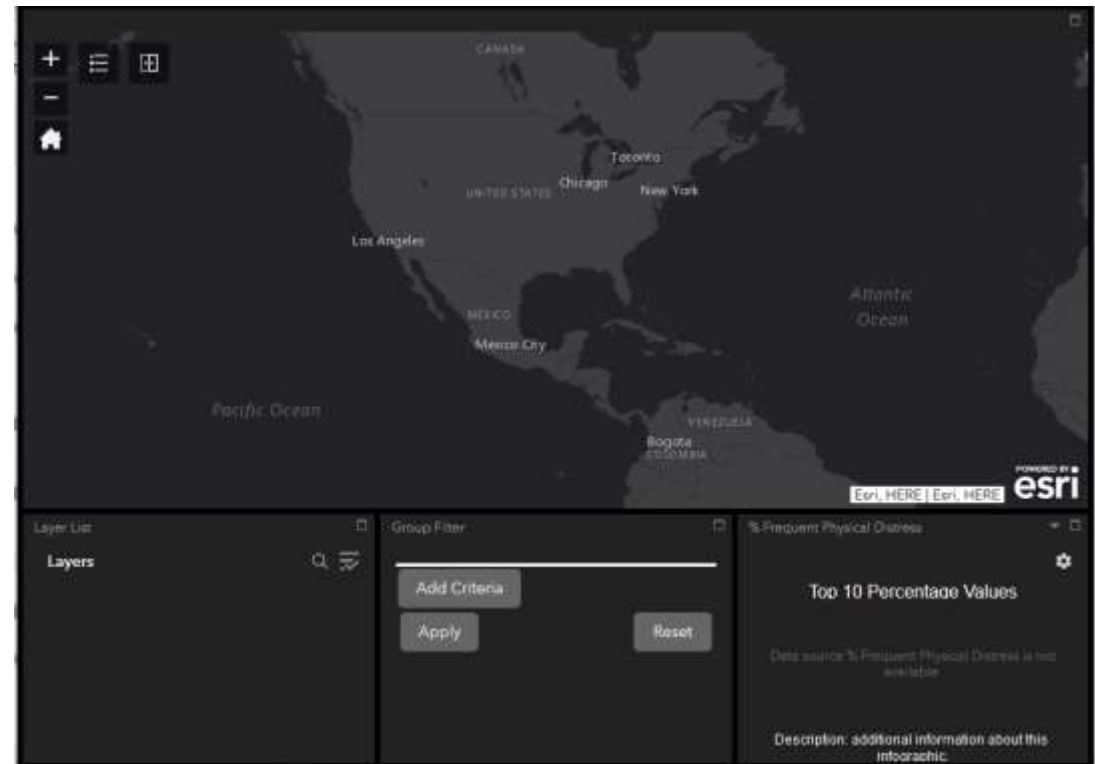
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Step 4 - Permissions

What you see.




What everyone else sees.




Workflow so far...

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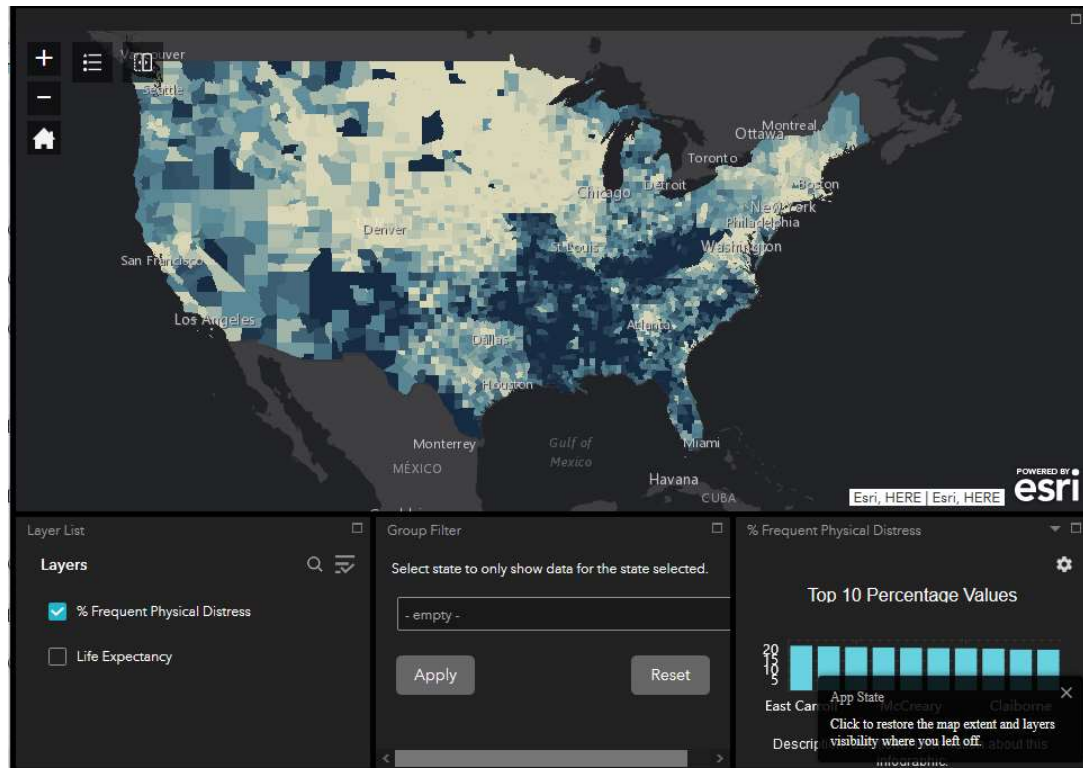
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<input type="checkbox"/>	 Boston Subway	StoryMap		☆ ...	Sep 21, 2020
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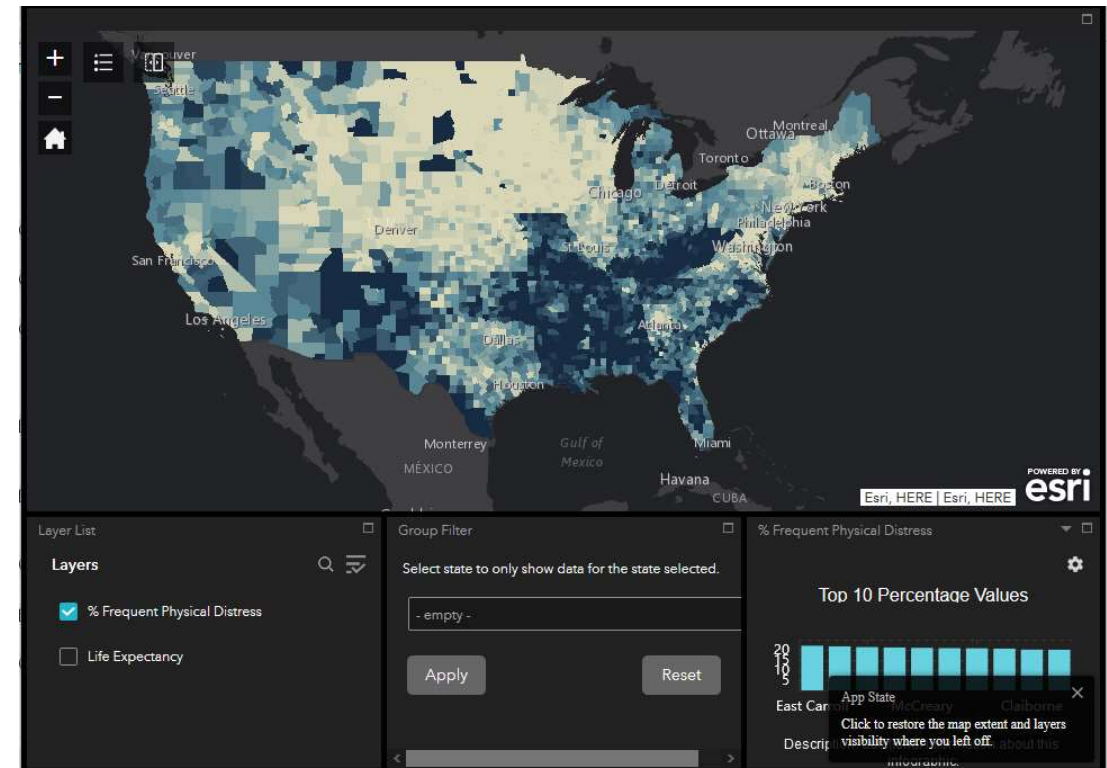
<input type="checkbox"/>	 Boston Subway - App	Web Mapping Application		☆ ...	Sep 21, 2020
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Step 4 - Permissions

What you see.



What everyone else sees.



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

Explore ArcGIS Online

- Objectives:
 - Finalize our production Web Map from Part 1.
 - Use AppBuilder to create a dashboard
 - Create a StoryMap

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

Username: <bu_username>_bucas

Example: milechin_bucas

[Hands On Instruction](#)

Questions

Email me at:
help@scc.bu.edu