

# Introduction to ArcGIS Online – Part 2

Feb. 19, 2021

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Please fill out tutorial evaluation: <http://rccs.bu.edu/eval>

BOSTON  
UNIVERSITY

# Housekeeping

- My assistant: Yun Shen
- This session is recorded.
- Will be published here:

<https://drive.google.com/drive/folders/12xGX0drv0X60oetm5L6UFFg6GQ4-cqgL>

## Link to Presentation:

[http://rcs.bu.edu/examples/gis/arcgis\\_online/intro\\_to\\_arcgis\\_online\\_partII.pdf](http://rcs.bu.edu/examples/gis/arcgis_online/intro_to_arcgis_online_partII.pdf)

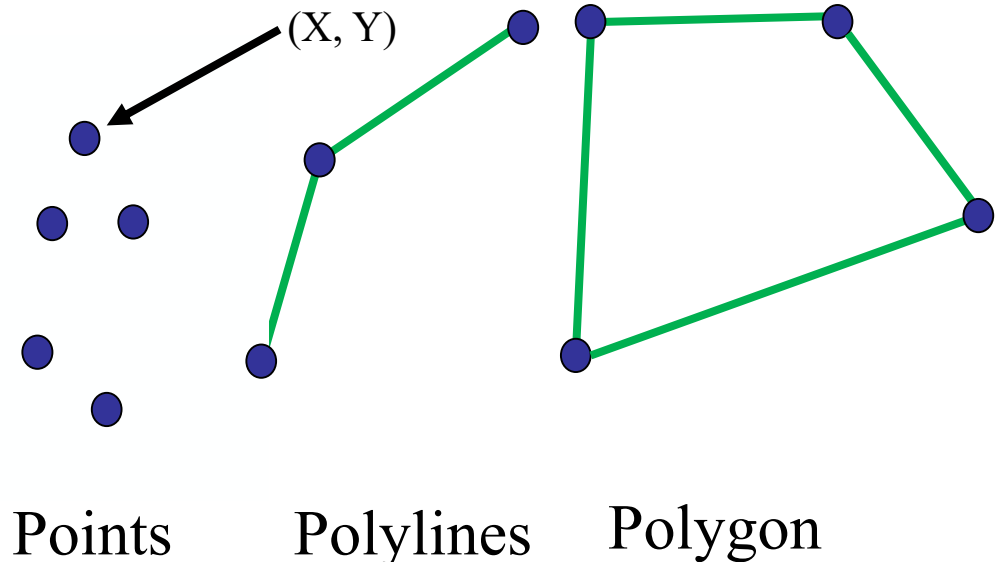
# Outline

- Part 1
  - ArcGIS Online –What is it?
  - Brief GIS Theory Lesson
  - Explore ArcGIS Online Portal
  - Explore a Map
  - General Workflow:
    - Step 1 – Find Layers
    - Step 2 – Create Web Map
  
- Part 2
  - Review Part 1
  - Step 3 – Create an application
  - Step 4 - Permissions

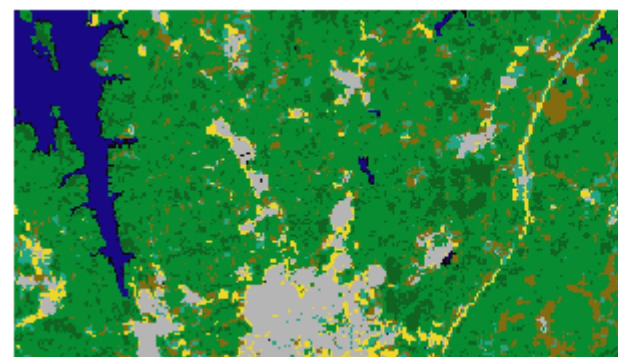
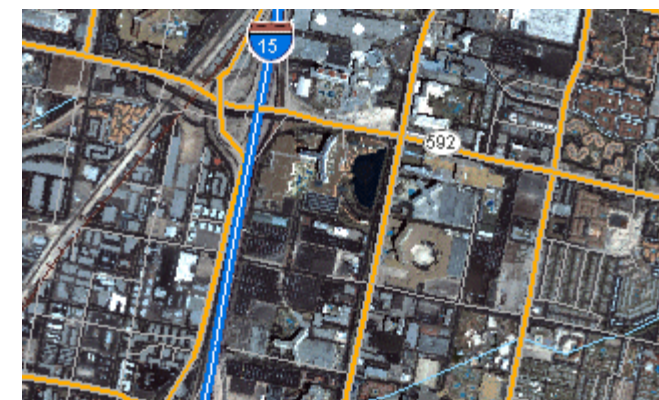
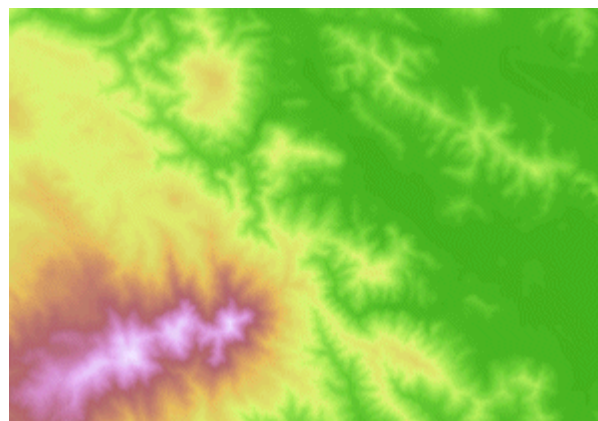
# Step 1 – Find Layers

# Step 1 – Find Layers

## Vector Data



## Raster Data

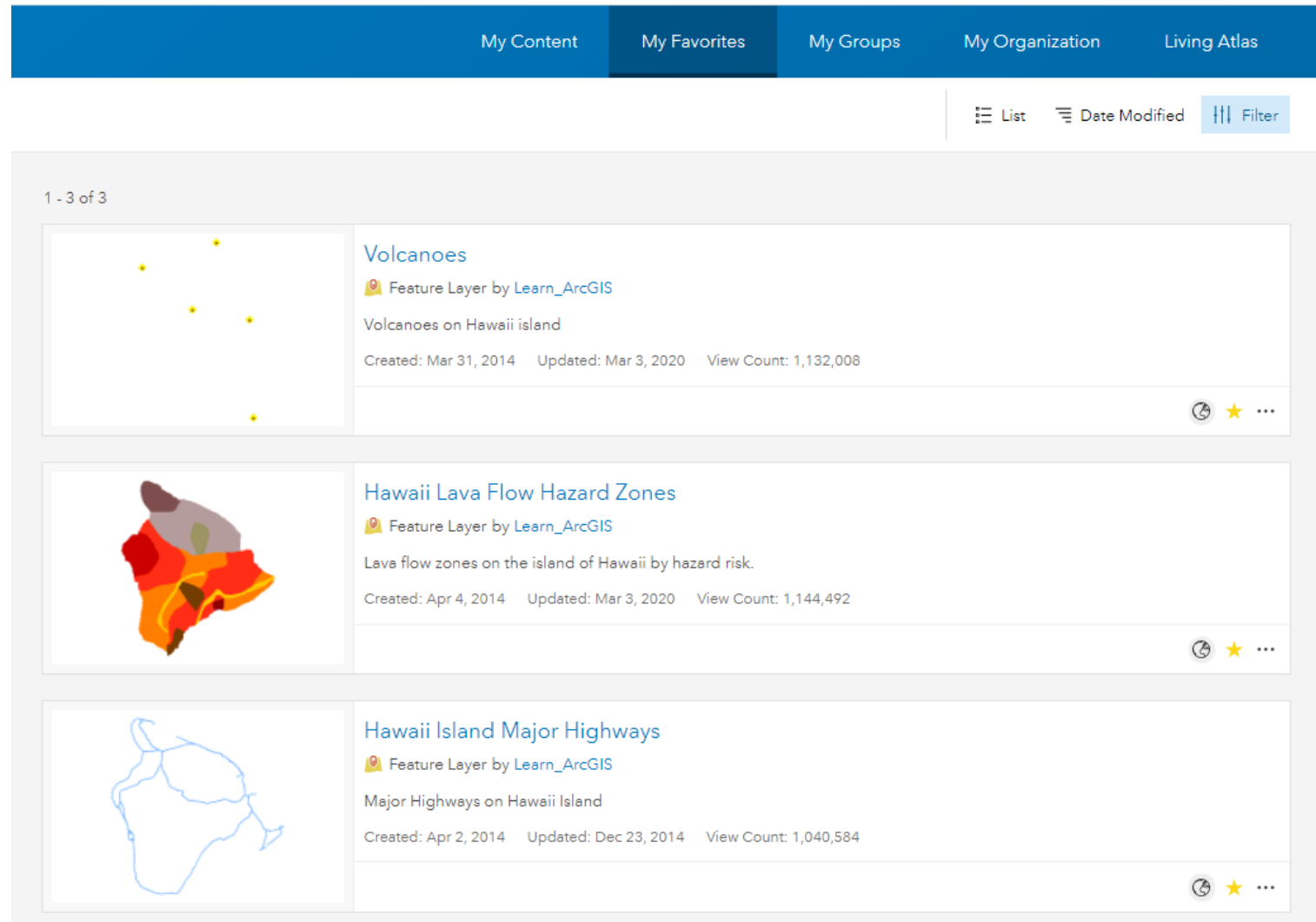


- Agriculture
- Bare ground
- Water
- Deciduous
- Deciduous/Pine mixed
- Grass
- Pine
- Shadow
- Urban/Developed

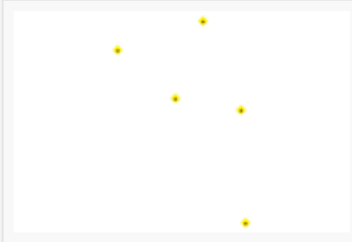




# Step 1 – Find Layers

- Found Layers and added to Favorites
  - Volcanoes
  - Lava Flows Hazard Zones
  - Highway



The screenshot displays the ArcGIS Online interface, specifically the 'My Favorites' section. The navigation bar at the top includes 'My Content', 'My Favorites' (selected), 'My Groups', 'My Organization', and 'Living Atlas'. Below the navigation bar, there are options for 'List', 'Date Modified', and 'Filter'. The main content area shows a list of three favorite layers, each with a thumbnail map, title, description, and metadata.

Thumbnail	Title	Description	Created	Updated	View Count
	Volcanoes	Feature Layer by Learn_ArcGIS Volcanoes on Hawaii island	Mar 31, 2014	Mar 3, 2020	1,132,008
	Hawaii Lava Flow Hazard Zones	Feature Layer by Learn_ArcGIS Lava flow zones on the island of Hawaii by hazard risk.	Apr 4, 2014	Mar 3, 2020	1,144,492
	Hawaii Island Major Highways	Feature Layer by Learn_ArcGIS Major Highways on Hawaii Island	Apr 2, 2014	Dec 23, 2014	1,040,584

# Step 1 – Find Layers

- Uploaded CSV file

The screenshot shows the ArcGIS Online interface with a search bar containing 'milechin\_bucas'. The search results are displayed in a table format. The table has columns for 'Title', 'Type', 'Owner', 'Actions', and 'Modified'. Three items are listed: 'EmergencyShelters\_milechin' (Feature Layer (hosted)), 'EmergencyShelters\_milechin' (CSV), and 'Hawaii Island Lava Flow Hazard Zones' (Web Map). The first two rows are highlighted with a red border.

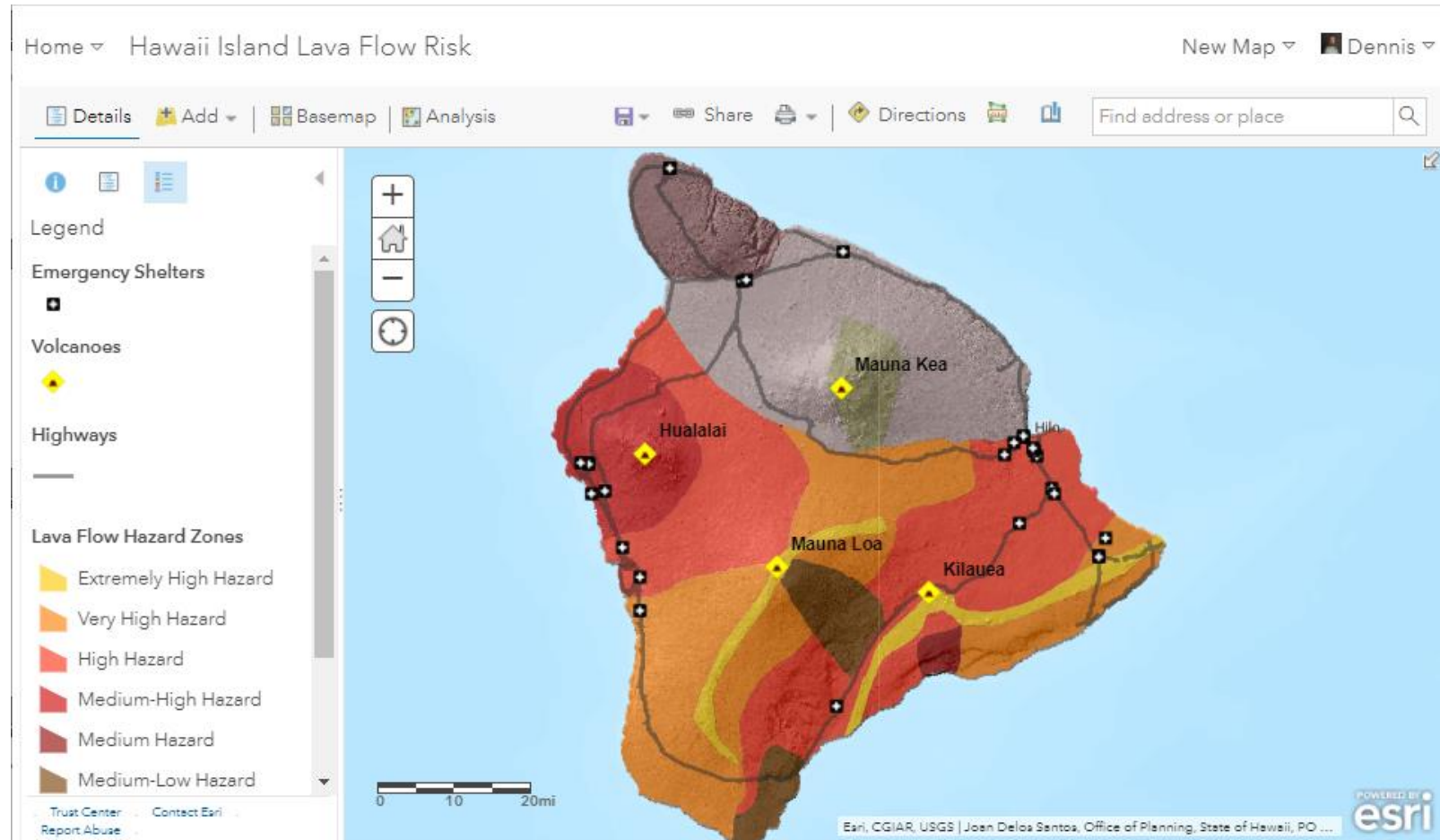
<input type="checkbox"/>	Title	Type	Owner	Actions	Modified
<input type="checkbox"/>	EmergencyShelters_milechin	Feature Layer (hosted)		...	Feb 11, 2021
<input type="checkbox"/>	EmergencyShelters_milechin	CSV		...	Feb 11, 2021
<input type="checkbox"/>	Hawaii Island Lava Flow Hazard Zones	Web Map		...	Sep 24, 2020

# Step 2 – Create Web Map



# Step 2 – Create Web Map

- Created a Web Map









# Step 2 – Create Web Map

My Content   My Favorites   My Groups   My Organization   Living Atlas

Search milechin\_bucas

Table   Date Modified   Filter

1 - 3 of 3 in milechin\_bucas

<input type="checkbox"/>	Title			Modified
<input type="checkbox"/>	 EmergencyShelters_milechin	Feature Layer (hosted)		☆ ... Feb 11, 2021
<input type="checkbox"/>	 EmergencyShelters_milechin	CSV		☆ ... Feb 11, 2021
<input type="checkbox"/>	 Hawaii Island Lava Flow Hazard Zones	Web Map		☆ ... Sep 24, 2020

# Step 3 – Create App

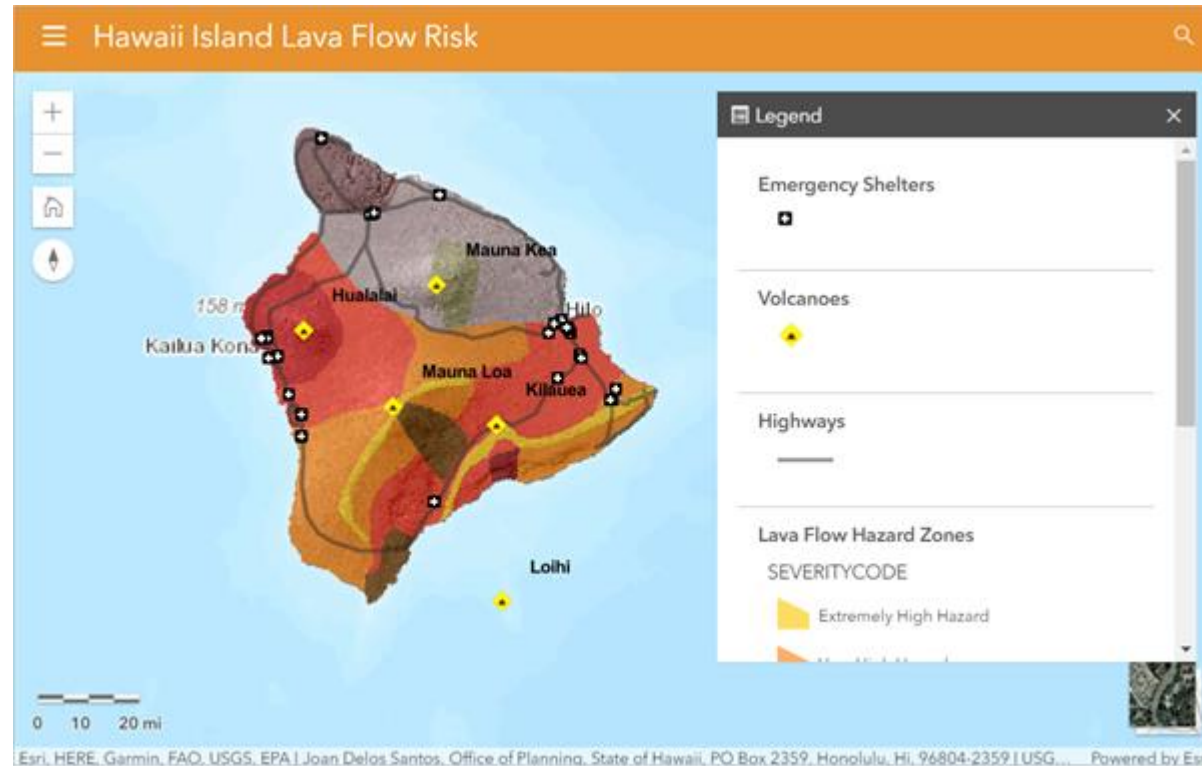
# Step 3 – Create App

Today we will explore two application:

- Create An App : <https://learn.arcgis.com/en/projects/get-started-with-map-viewer/arcgis-online/#make-an-app>
- StoryMap - <https://storymaps.arcgis.com/stories/cea22a609a1d4cccb8d54c650b595bc4>

# Step 3 – Create App

- Web AppBuilder





# Step 3 – Create App

- StoryMap





# 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

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

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



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**Everyone/Public** – The entire world can see it.

# Step 4 - Permissions





- Step 1 - Create/Find Layer

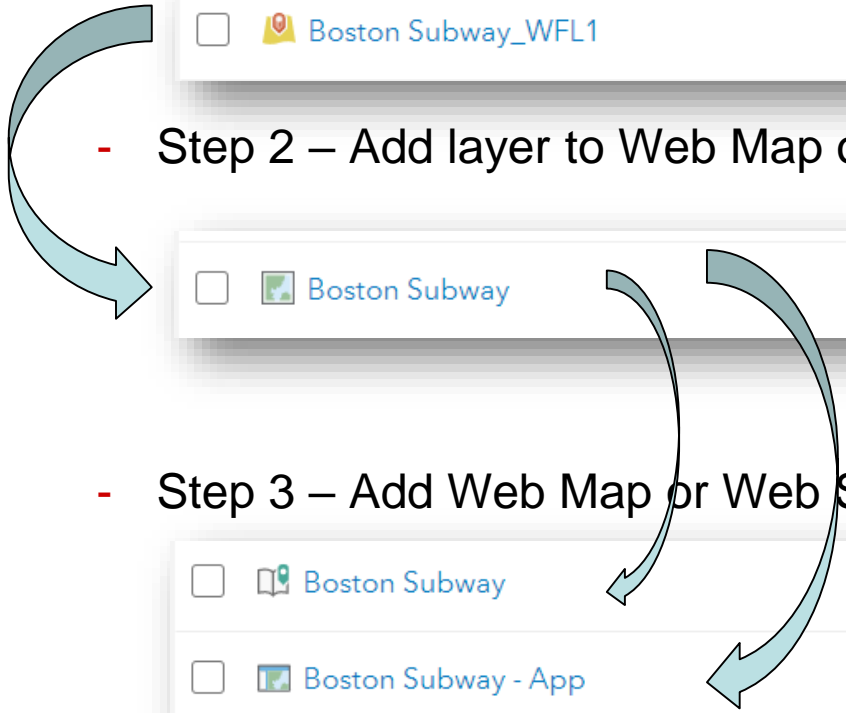
<input type="checkbox"/>	 Boston Subway_WFL1	Feature Layer (hosted)		☆ ...	Feb 5, 2020
--------------------------	--	------------------------	---	-------	-------------

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

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

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

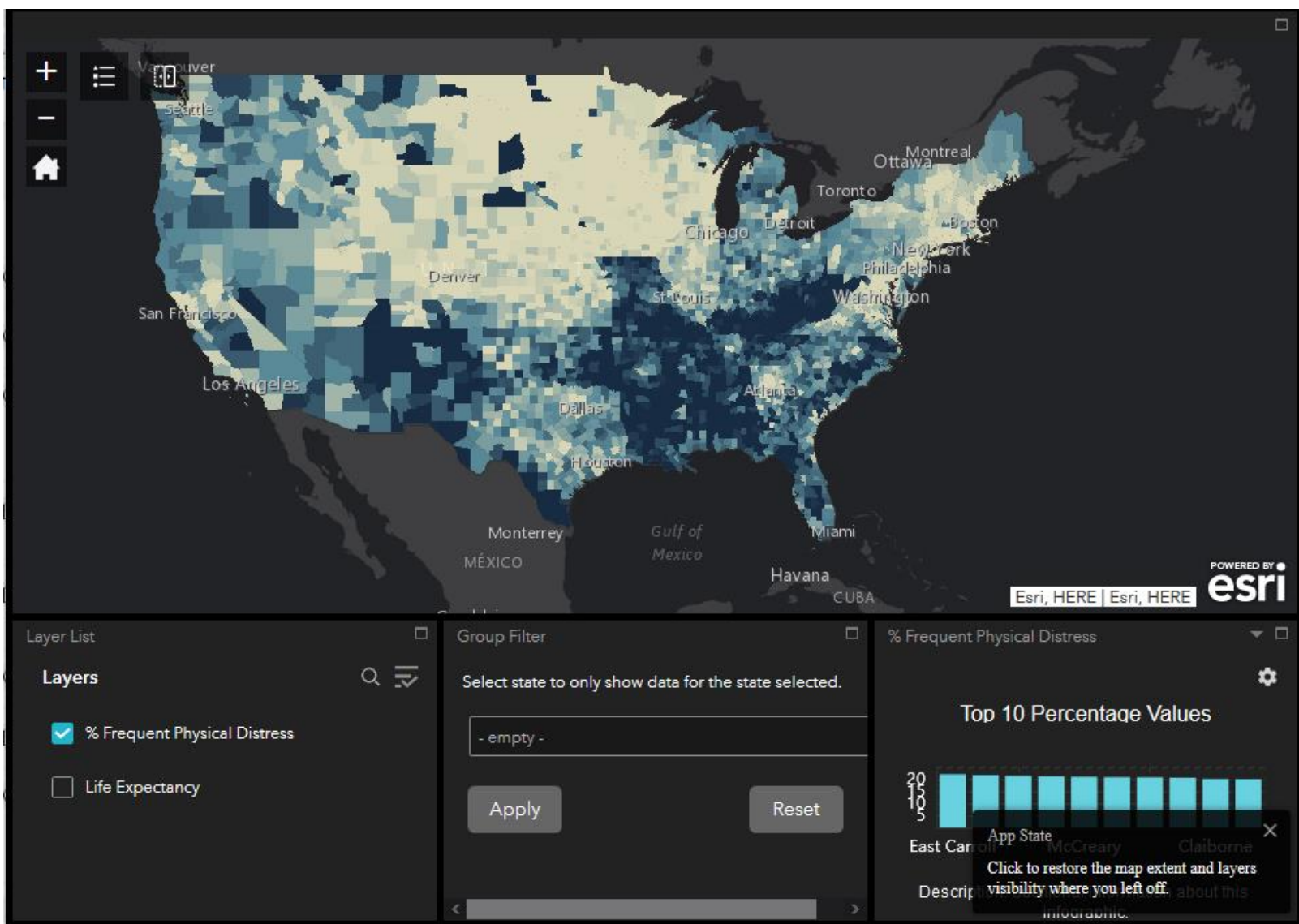
<input type="checkbox"/>	 Boston Subway	StoryMap		☆ ...	Sep 21, 2020
<input type="checkbox"/>	 Boston Subway - App	Web Mapping Application		☆ ...	Sep 21, 2020



Only you can view it.





# Step 4 - Permissions



# Step 4 - Permissions





- Step 1 - Create/Find Layer

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

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

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

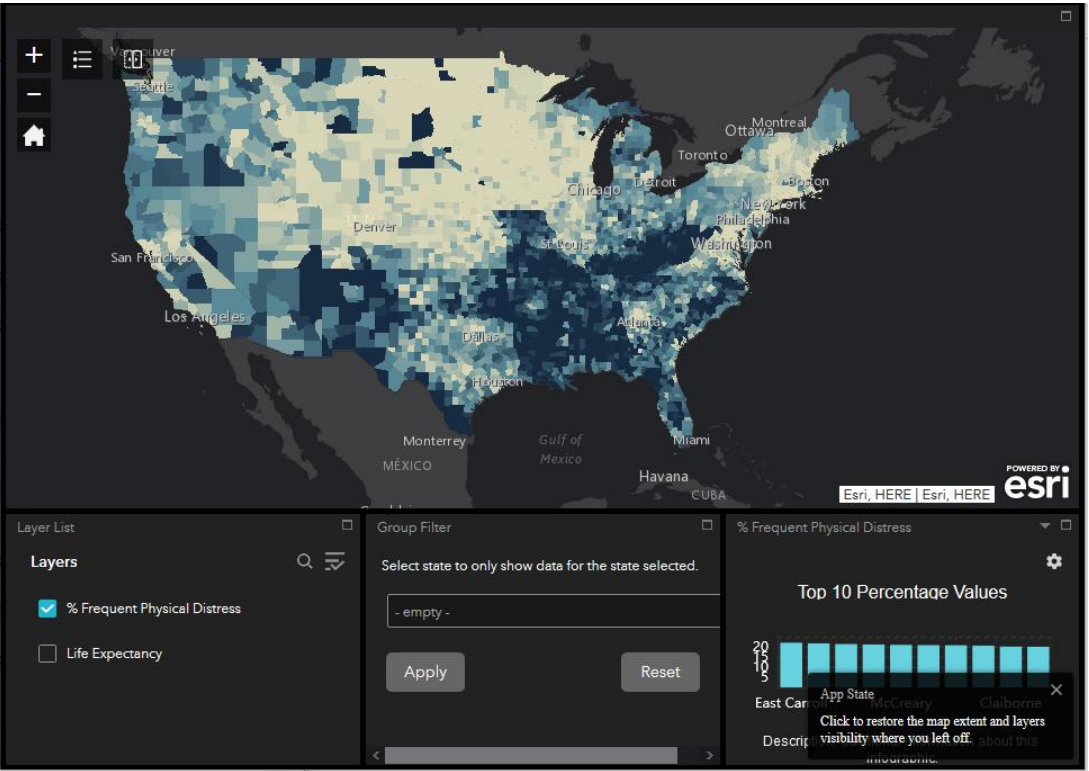
- Step 3 – Add Web Map or Web Scene to Apps or StoryMap

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

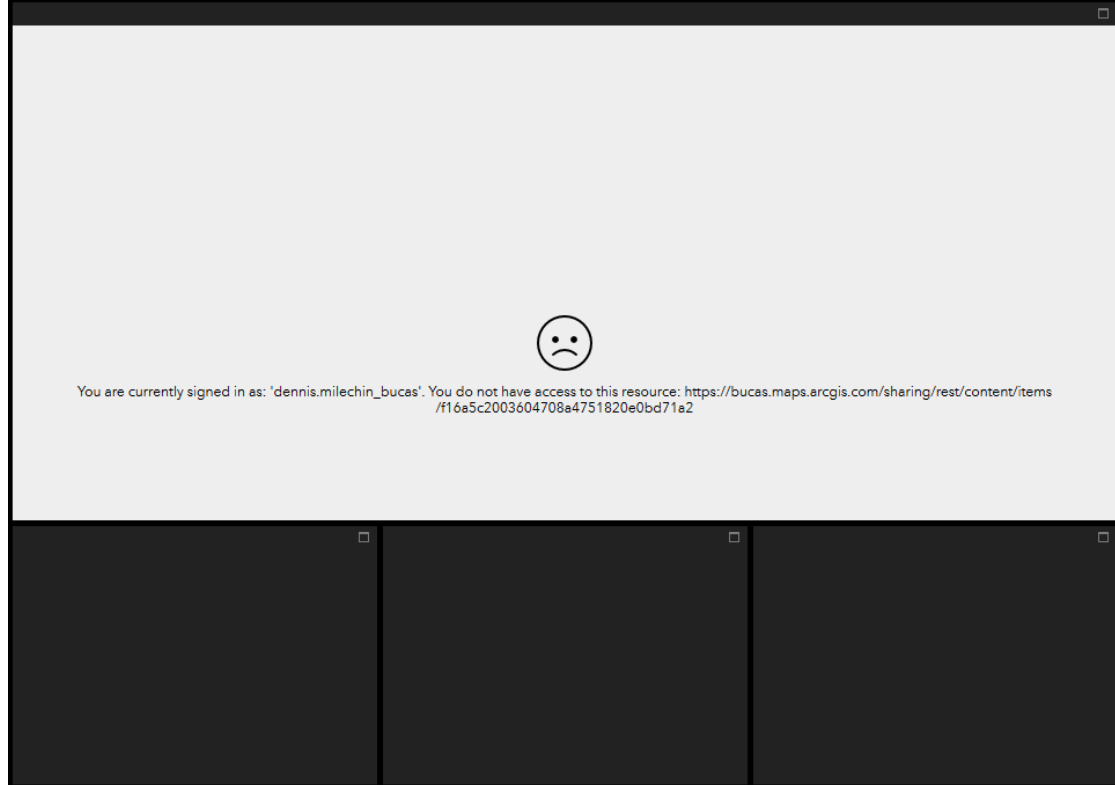
Web Map will not load for the user.

# Step 4 - Permissions

What you see.





What everyone else sees.





# Step 4 - Permissions





- Step 1 - Create/Find Layer

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

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

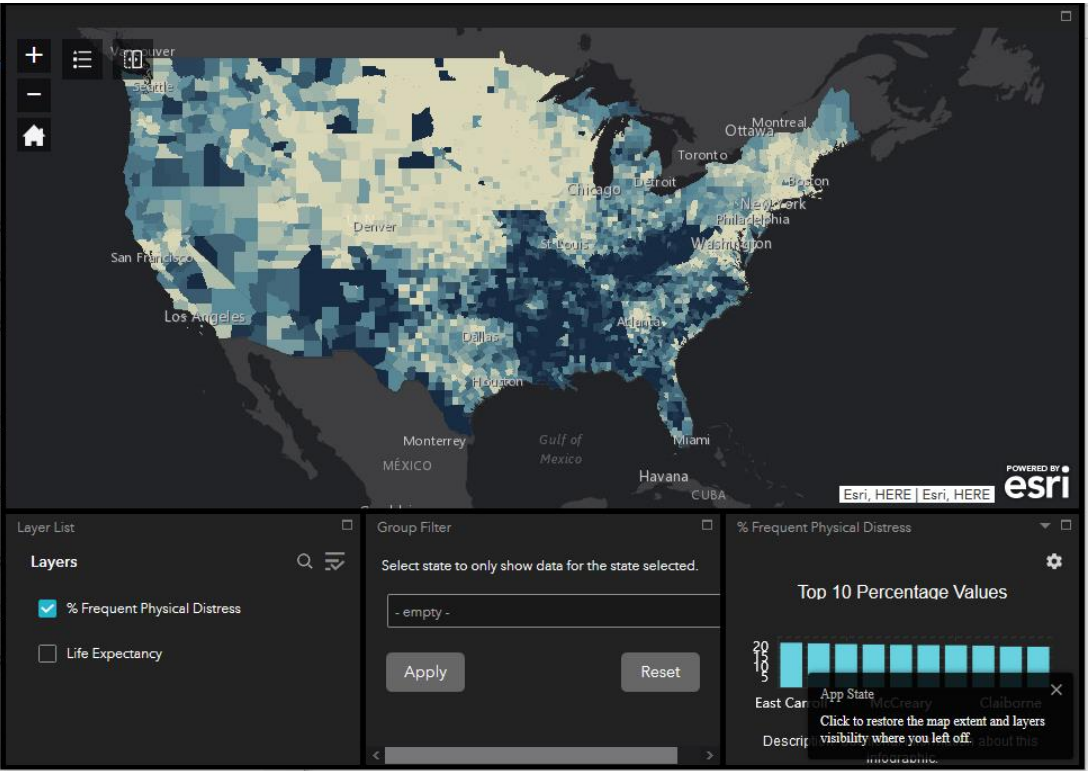
<input type="checkbox"/>	 Boston Subway	Web Map		☆ ...	Sep 21, 2020
--------------------------	---	---------	---	-------	--------------

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

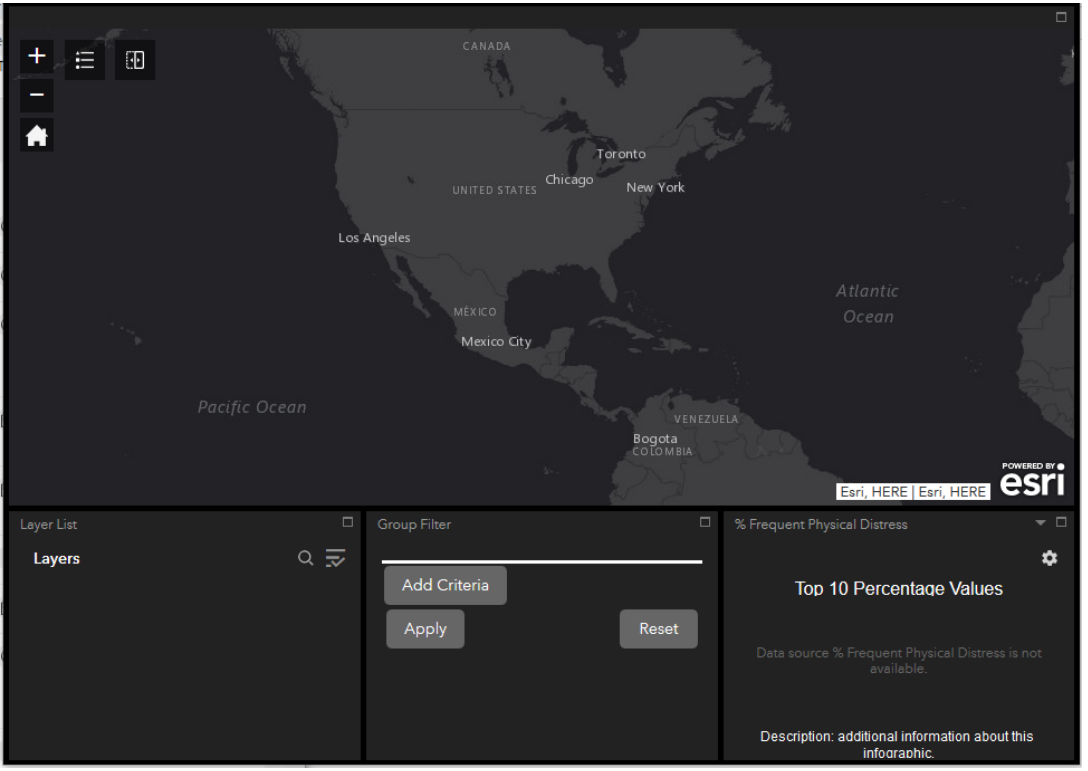
<input type="checkbox"/>	 Boston Subway	StoryMap		☆ ...	Sep 21, 2020
<input type="checkbox"/>	 Boston Subway - App	Web Mapping Application		☆ ...	Sep 21, 2020

# Step 4 - Permissions

What you see.





What everyone else sees.




# Step 4 - Permissions





- Step 1 - Create/Find Layer

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

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

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

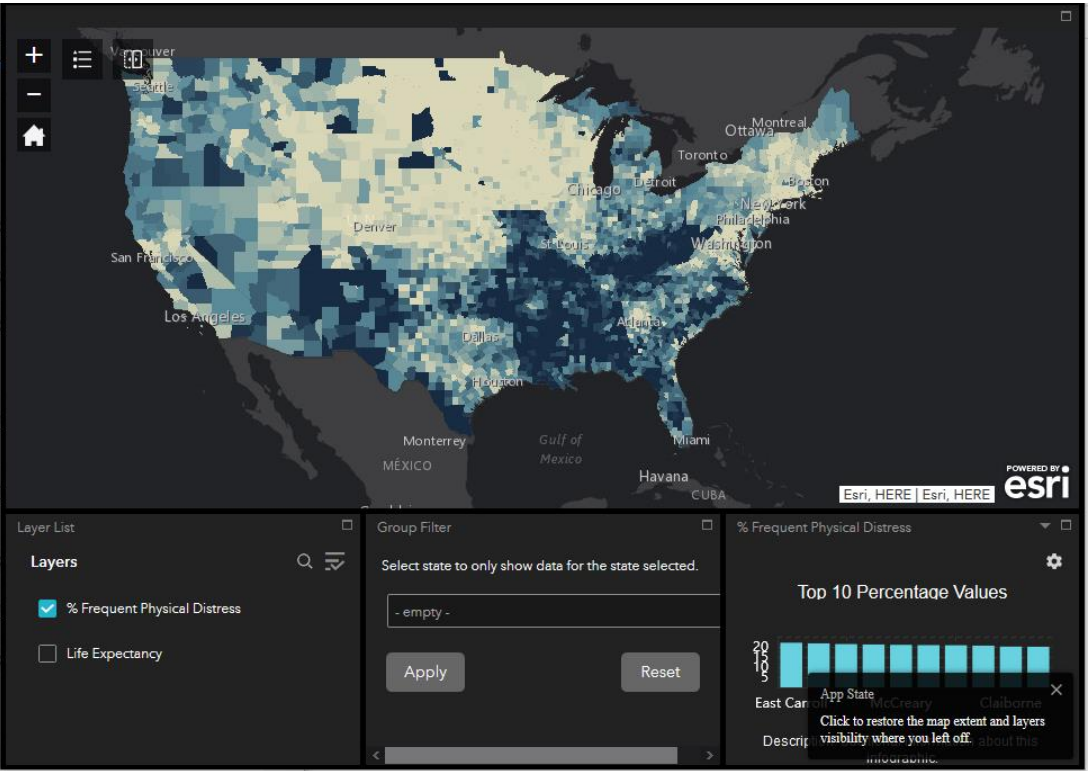
- Step 3 – Add Web Map or Web Scene to Apps or StoryMap

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

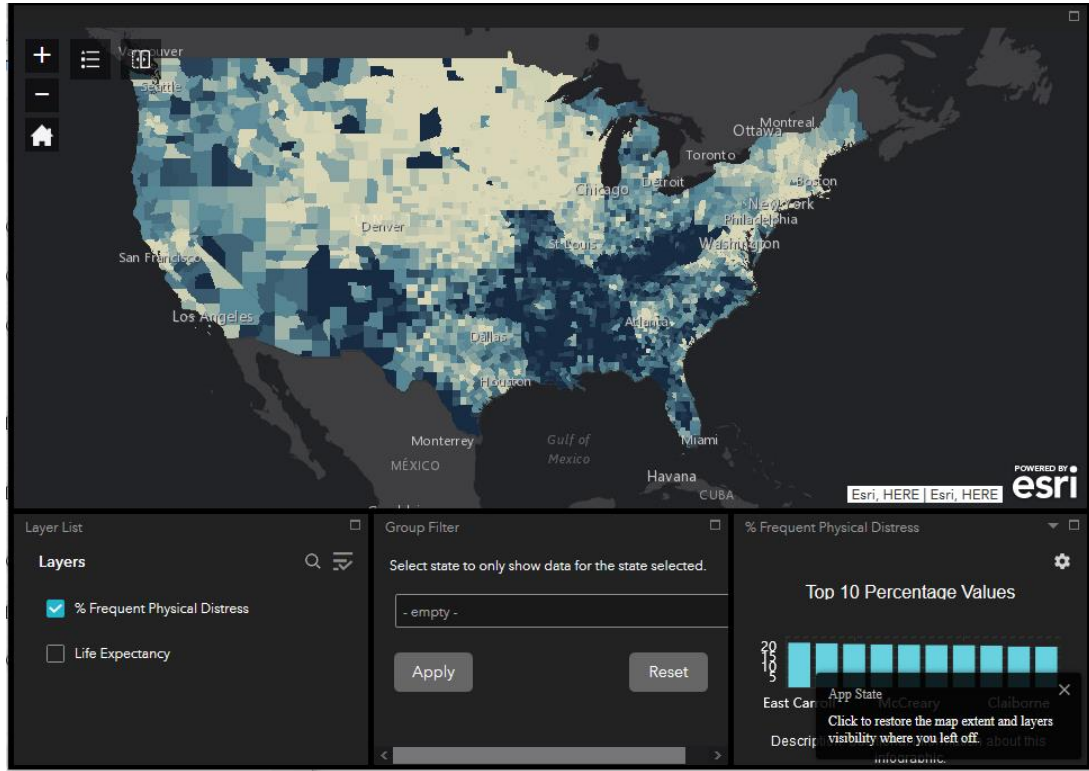


# Step 4 - Permissions

What you see.




What everyone else sees.





# Step 4 - Permissions





- Step 1 - Create/Find Layer

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

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

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

# Next Challenge

BootCamp Tutorial:

[Part 1](#)

[Part 2](#)

End Product

<https://bucas.maps.arcgis.com/apps/webappviewer/index.html?id=7096128de1a74b74842a84f9504e0802>

# Questions

Please fill out tutorial evaluation:

<http://rcs.bu.edu/eval>

Email me at:

[help@scc.bu.edu](mailto:help@scc.bu.edu)