ArcGIS Maps for Office & SharePoint

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2019 ESRI
FEDERAL GIS CONFERENCE
WASHINGTON, DC

Agenda

1. Overview of Apps for Office
2. ArcGIS Maps for Office
3. ArcGIS Maps for SharePoint
4. Road Ahead
5. Q & A

1

EASE OF USE

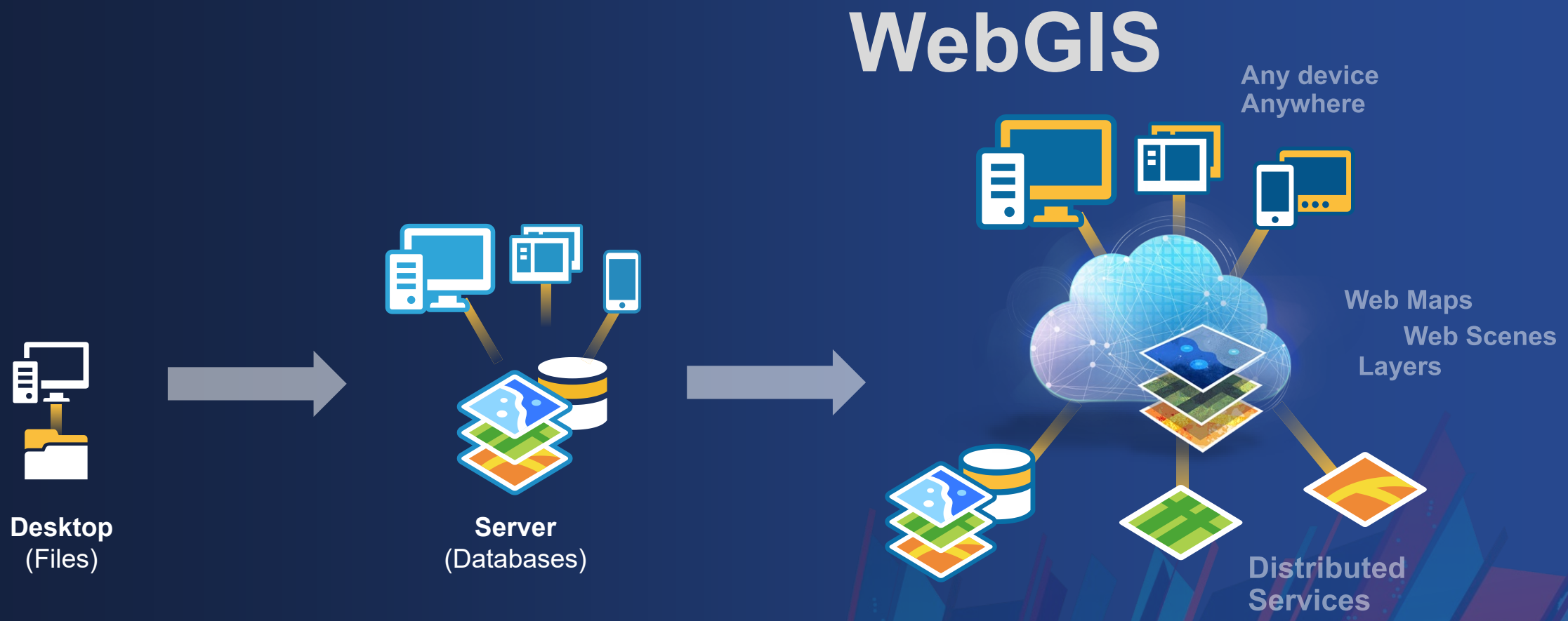
2

CREATE, SHARE & COLLABORATE

3

MAP & VISUALIZE DATA

ArcGIS Apps for Office are Part of WebGIS



ArcGIS Apps for Office are a Few of Many Apps

ArcGIS Apps for Office are for Everyone

The Analyst

The GIS Pro

The Decision Maker

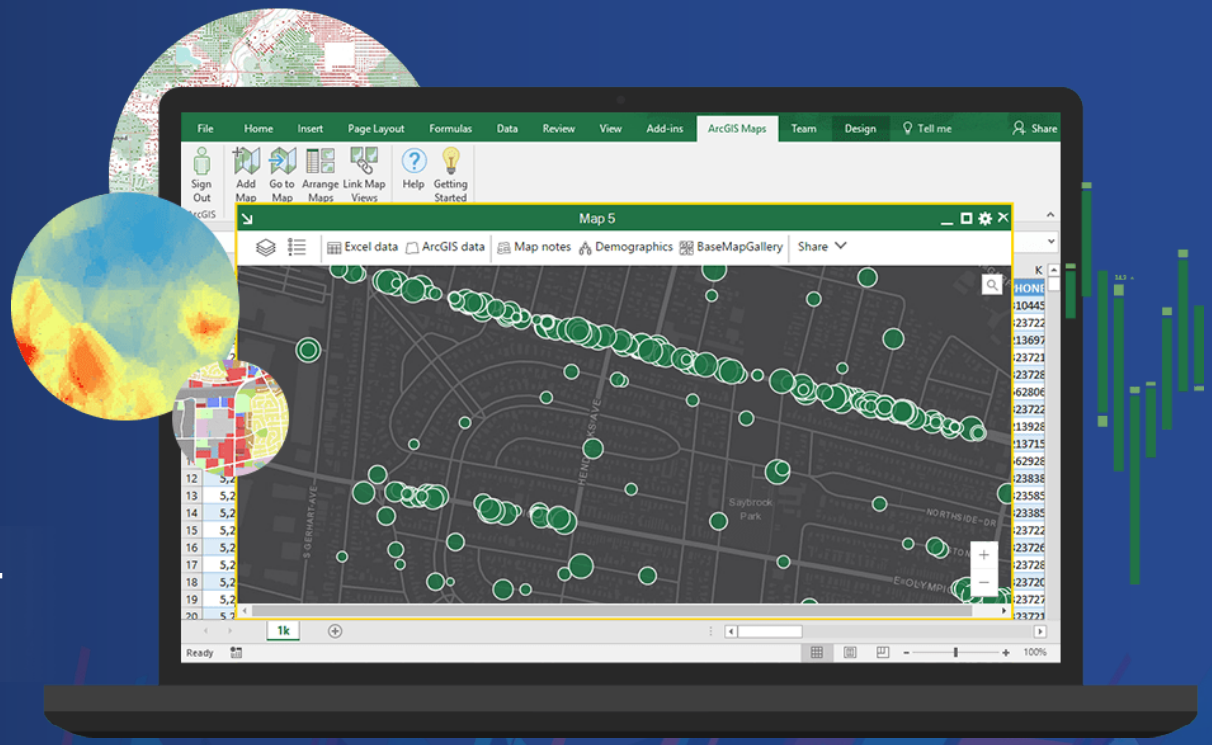
ArcGIS Maps for Office

ArcGIS Maps for Office Works with Your Existing Workflows

Map spreadsheet data

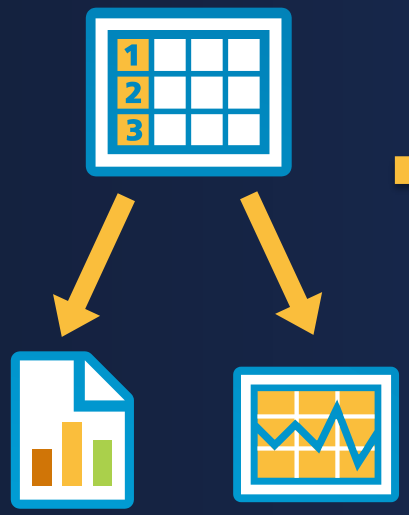
Do light spatial analysis

Share interactive maps in PPT



What is ArcGIS Maps for Office?

MS Excel



ArcGIS Maps for Office

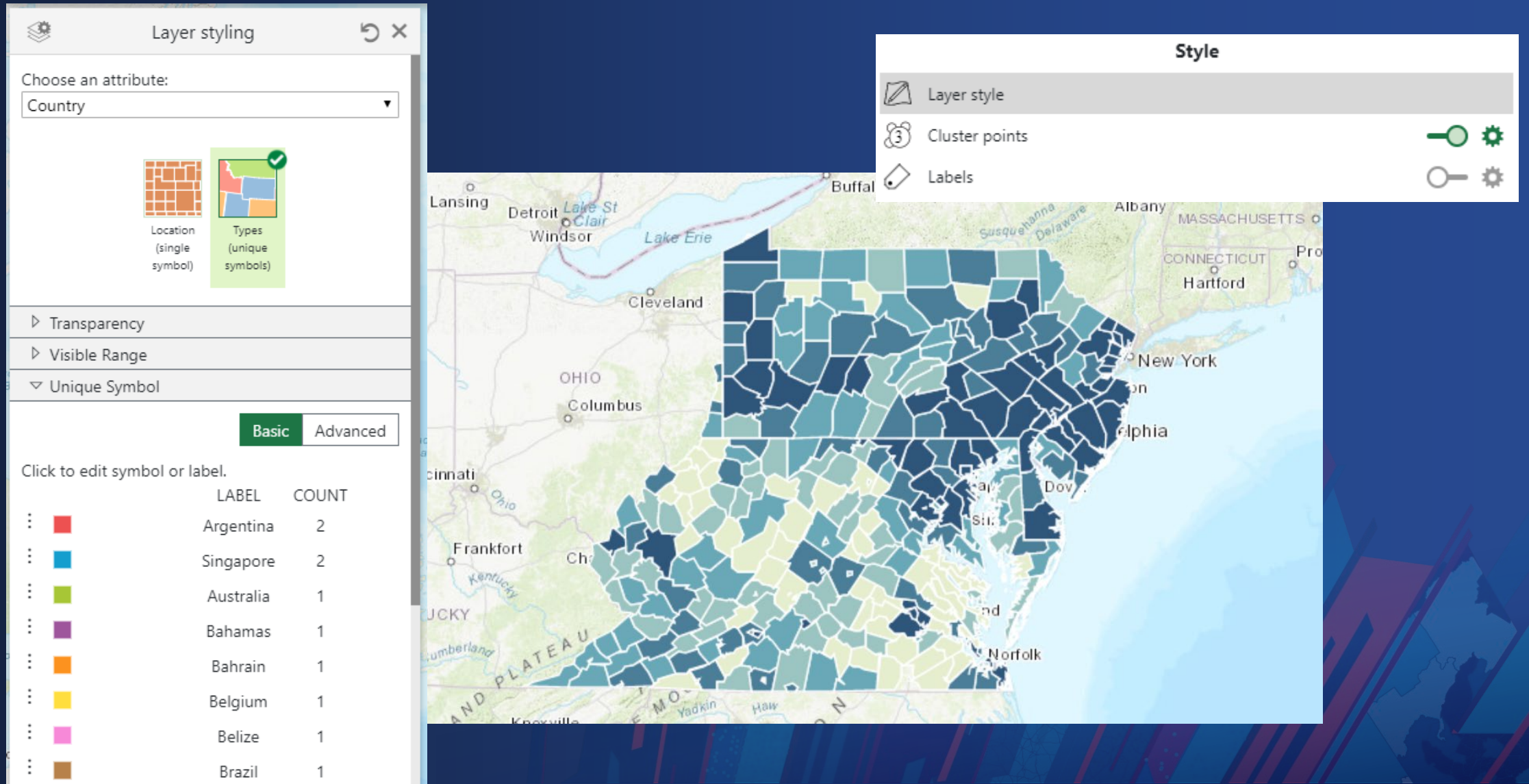
XY coordinates
Addresses
Standard geographies

“Geoenabled” spreadsheet data

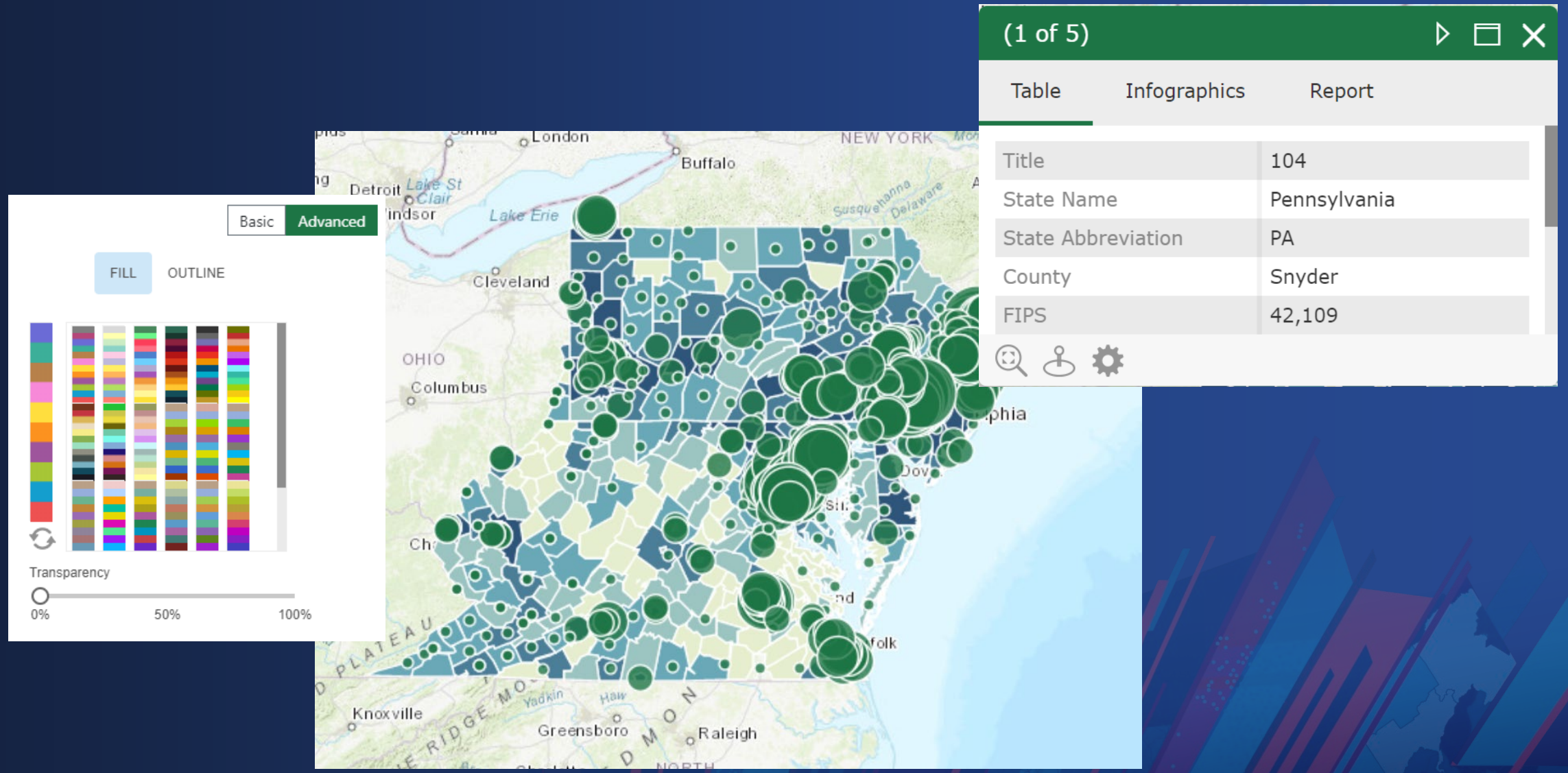
MS PowerPoint

- *Intuitive and easy to use*
- *Integrates with the ArcGIS Platform*
- *Produces results quickly*
- *Communicates ideas effectively*
- *Used by everyone!*

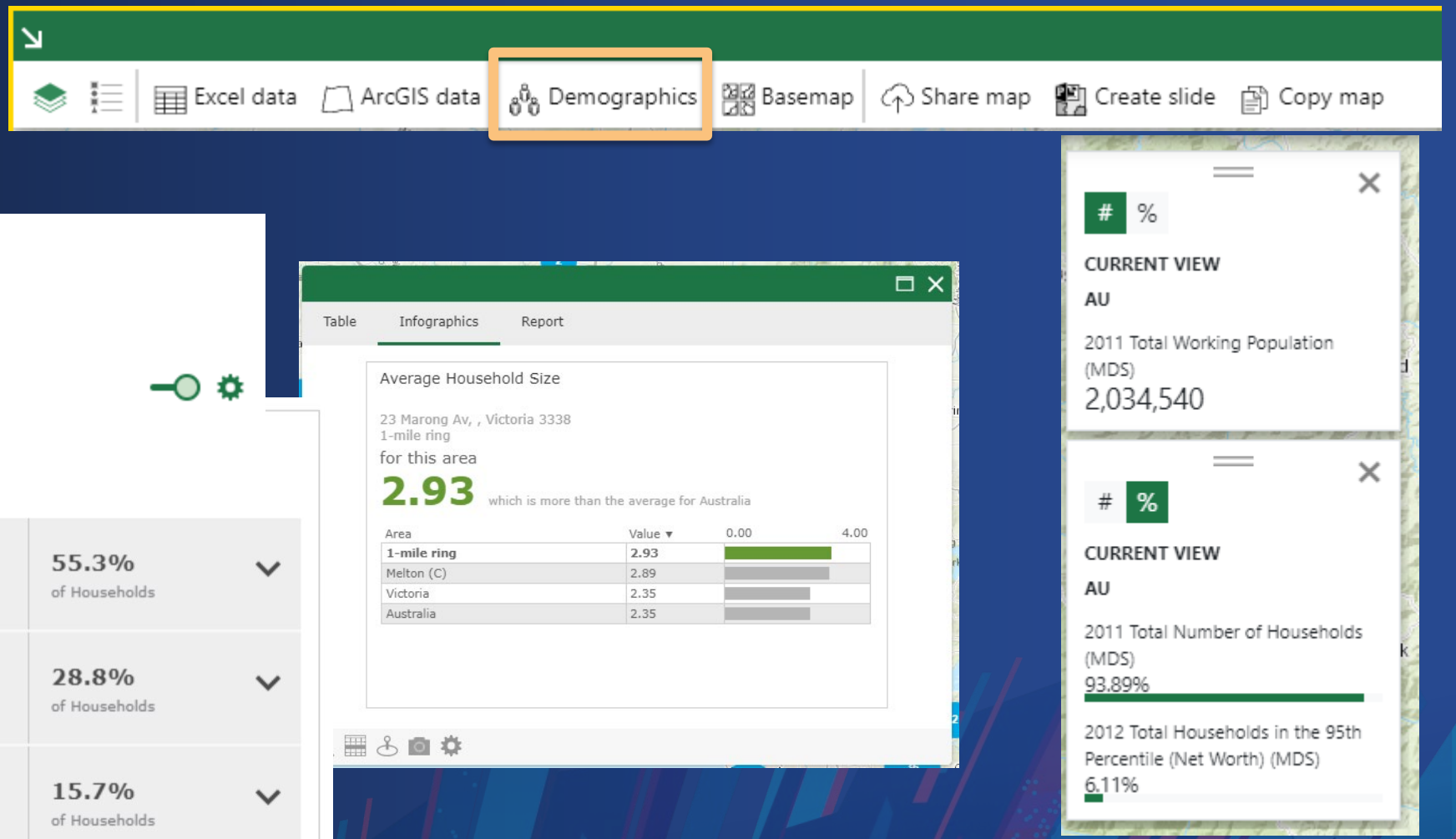
Visualize & Style Your Data



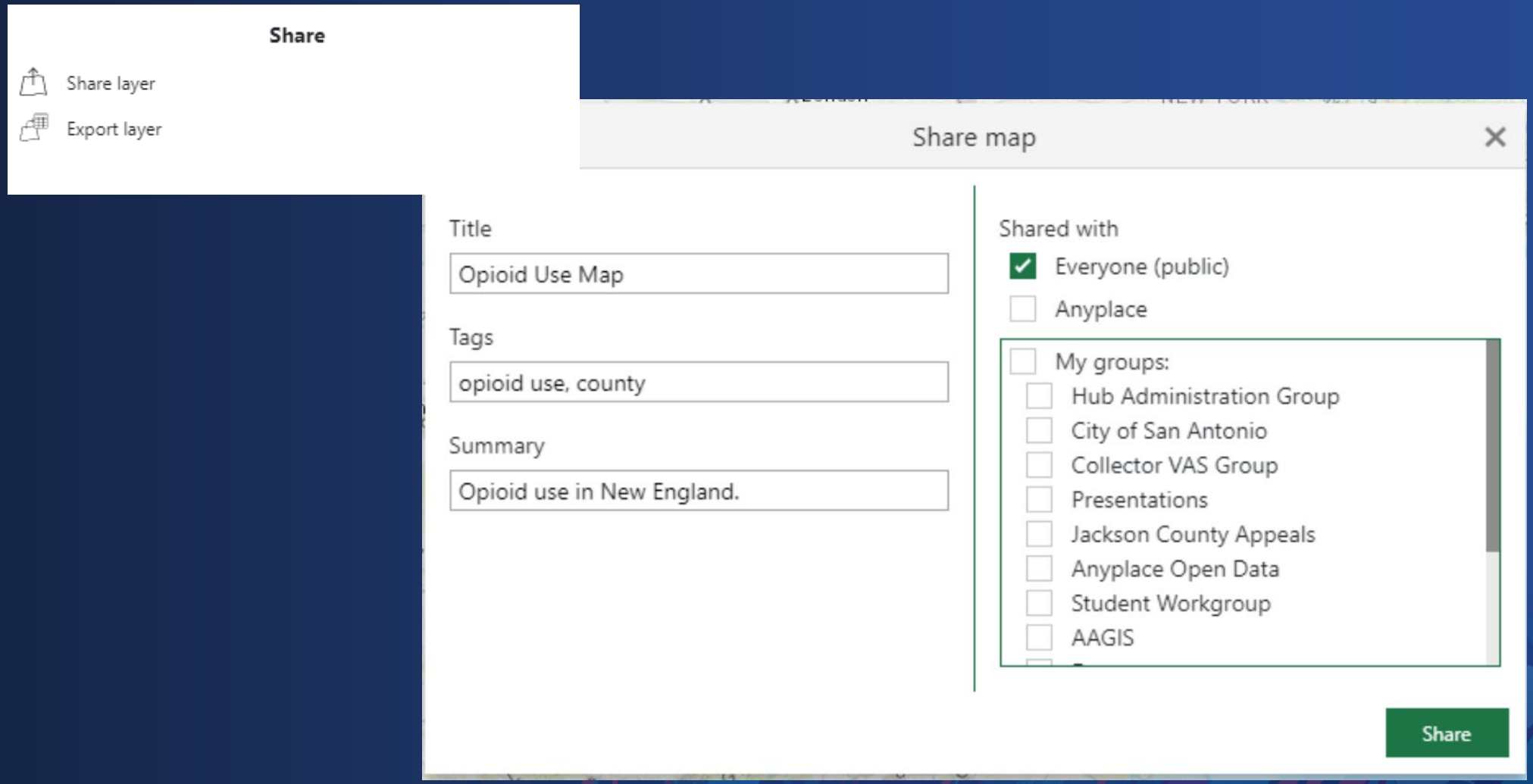
Visually Analyze Your Data

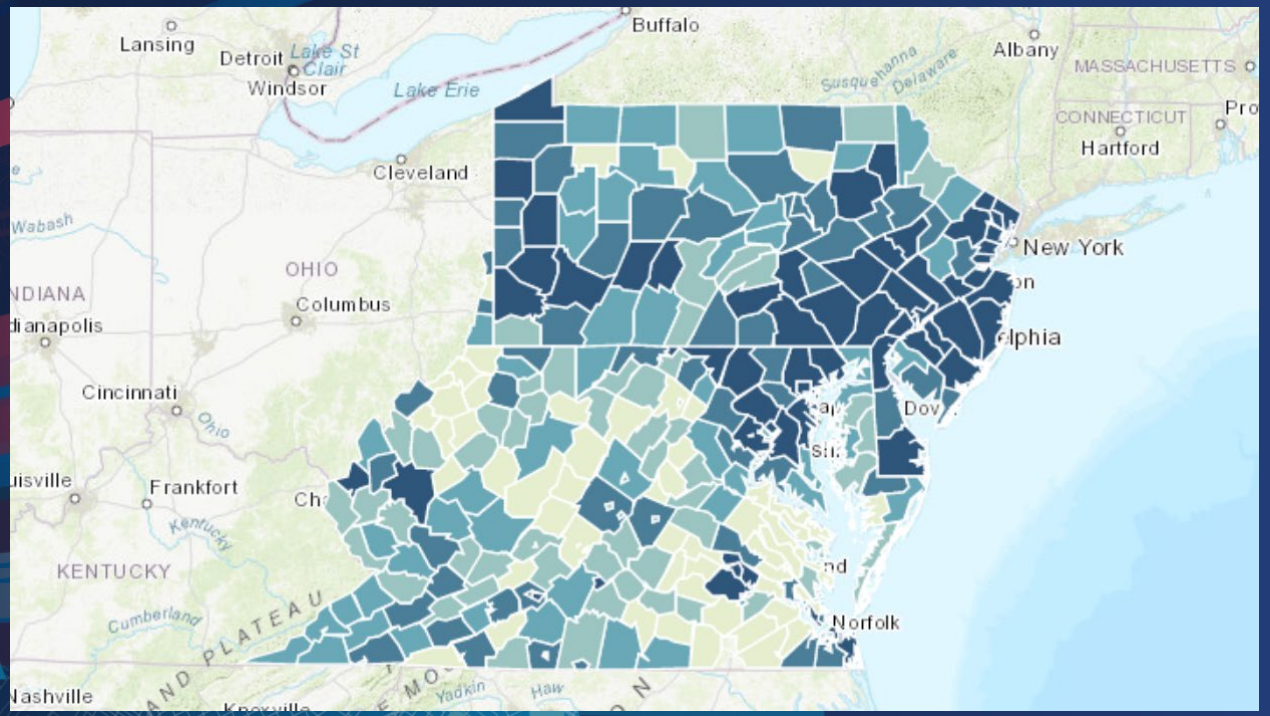


Geoenrich Your Data



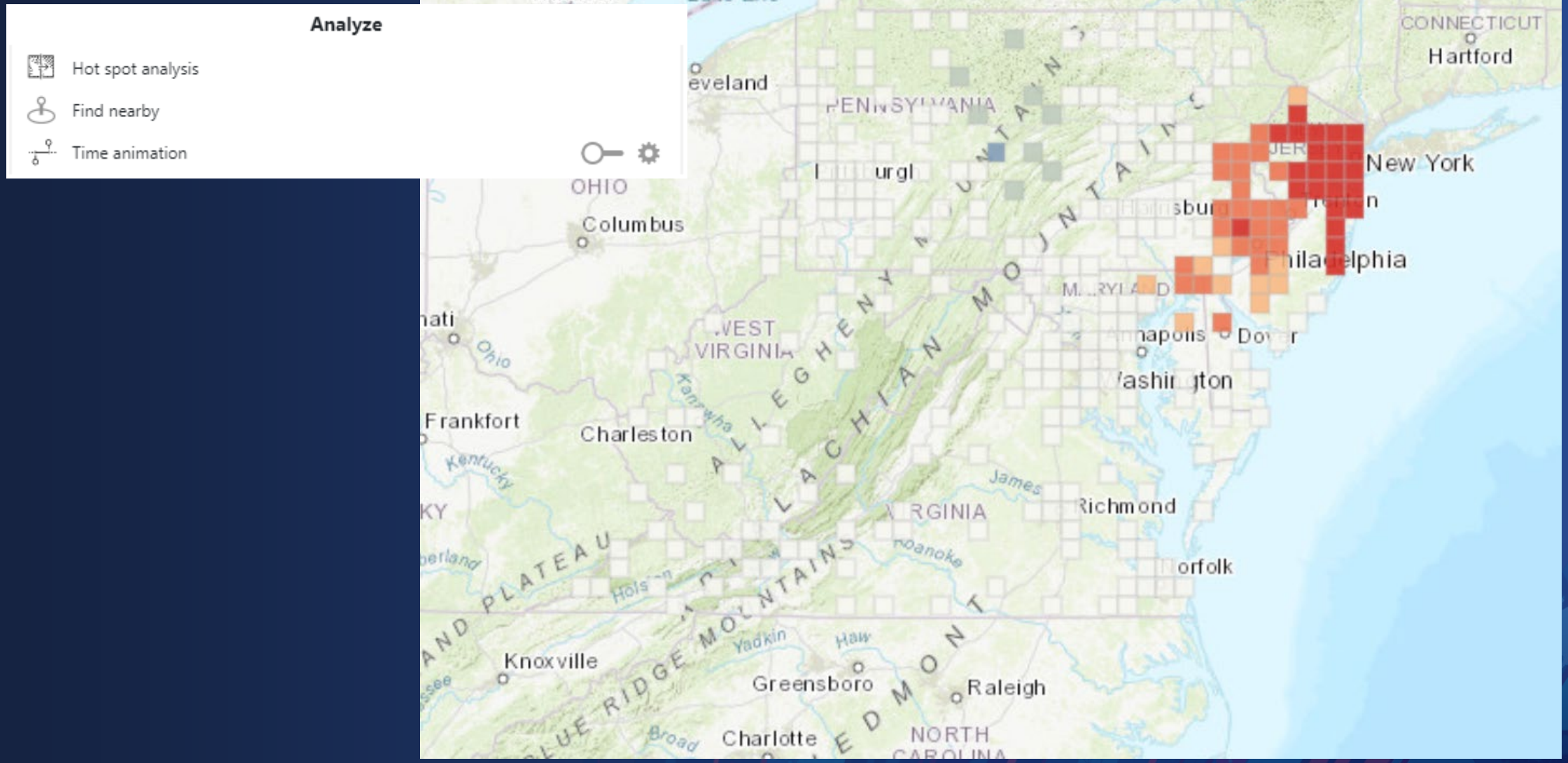
Share Maps & Data to ArcGIS



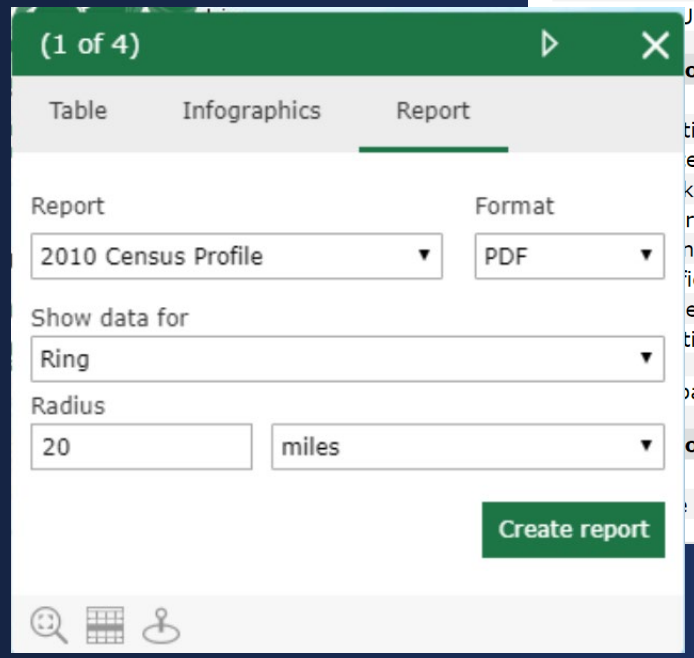


Getting Started with Maps for Office

Perform Analysis



Report Your Findings



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2010 Census Profile

Medical Pkwy, Chesapeake, Virginia 23320
Ring: 20 mile radius

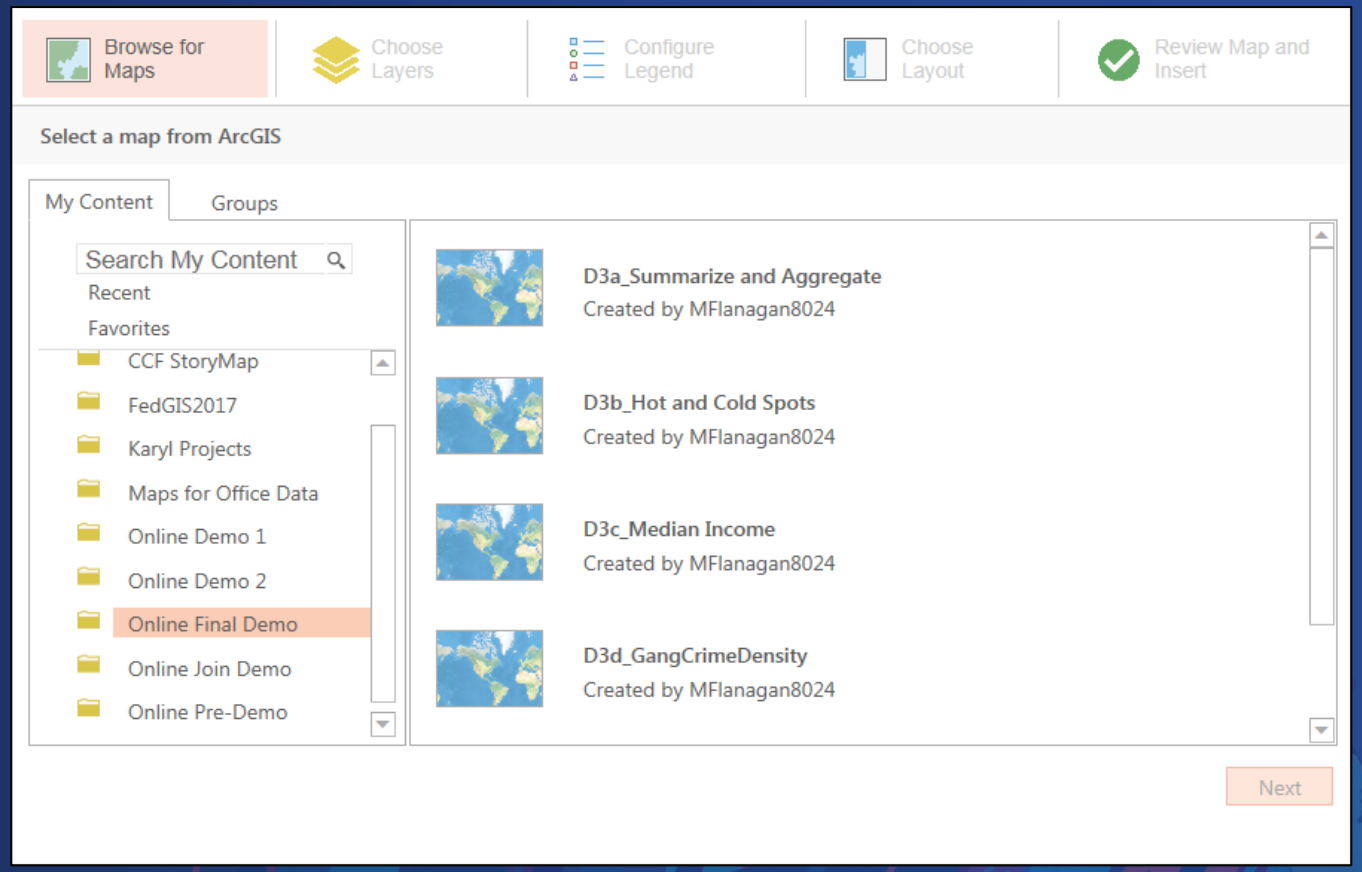
Prepared by Katherine Smyth
Latitude: 36.7453
Longitude: -76.2458

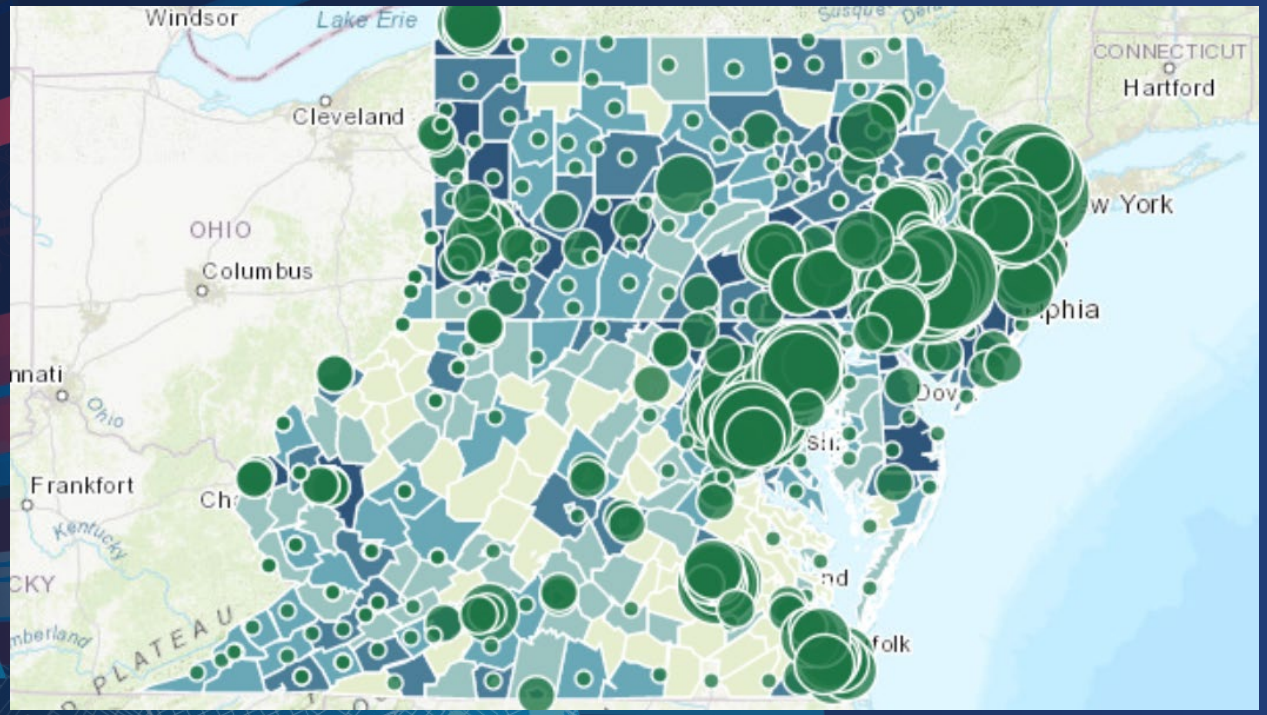
	2000	2010	2000-2010 Annual Rate
Population	1,062,010	1,119,175	0.53%
Households	385,921	412,294	0.66%
Units	411,325	444,864	0.79%

on by Race	Number	Percent
	1,119,175	100.0%
tion Reporting One Race	1,080,156	96.5%
e	637,794	57.0%
k	373,779	33.4%
rican Indian	4,608	0.4%
n	43,824	3.9%
ic Islander	1,422	0.1%
e Other Race	18,729	1.7%
tion Reporting Two or More Races	39,019	3.5%
panic Population	61,636	5.5%

on by Sex		
	551,707	49.3%
	567,468	50.7%

PowerPoint Integration





Perform Analysis with Maps for Office

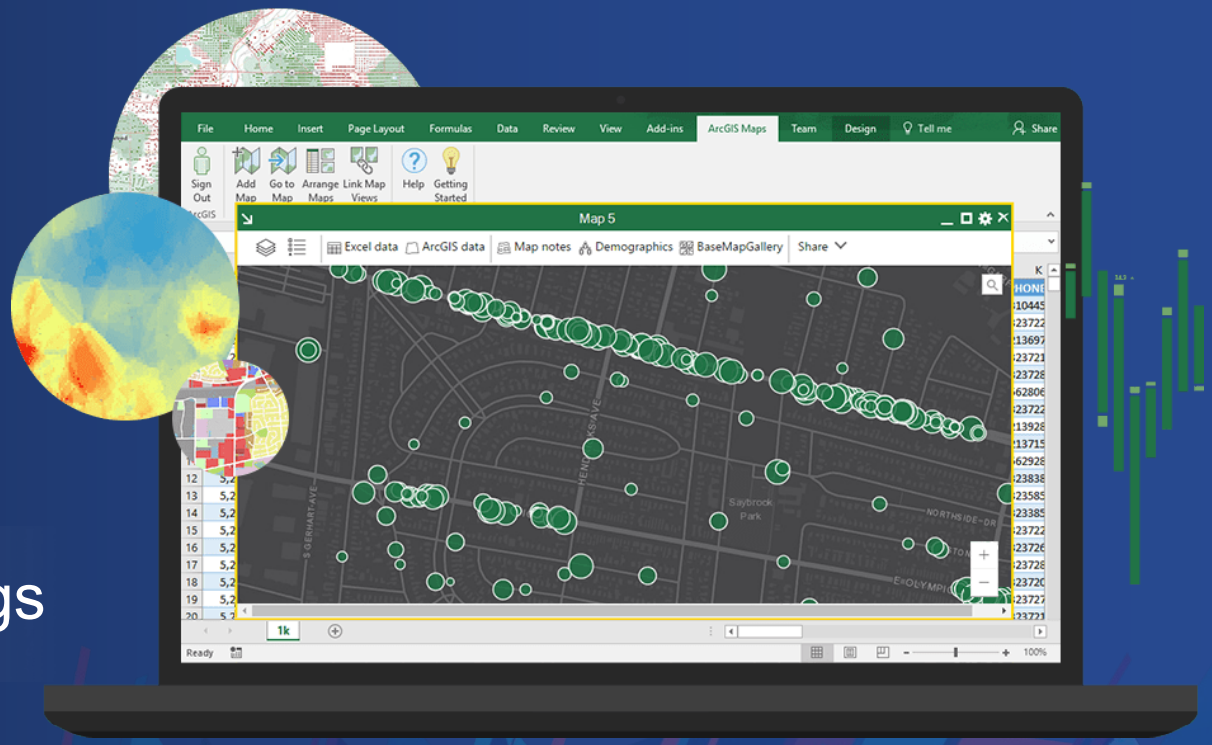
ArcGIS Maps for Sharepoint

ArcGIS Maps for SharePoint

Visualize your SharePoint Data

Perform Spatial Analysis

Query Documents with Geotags



Common Implementation Patterns

Web Hosting
(internal or external)

Team Collaboration
Site

Document
Management

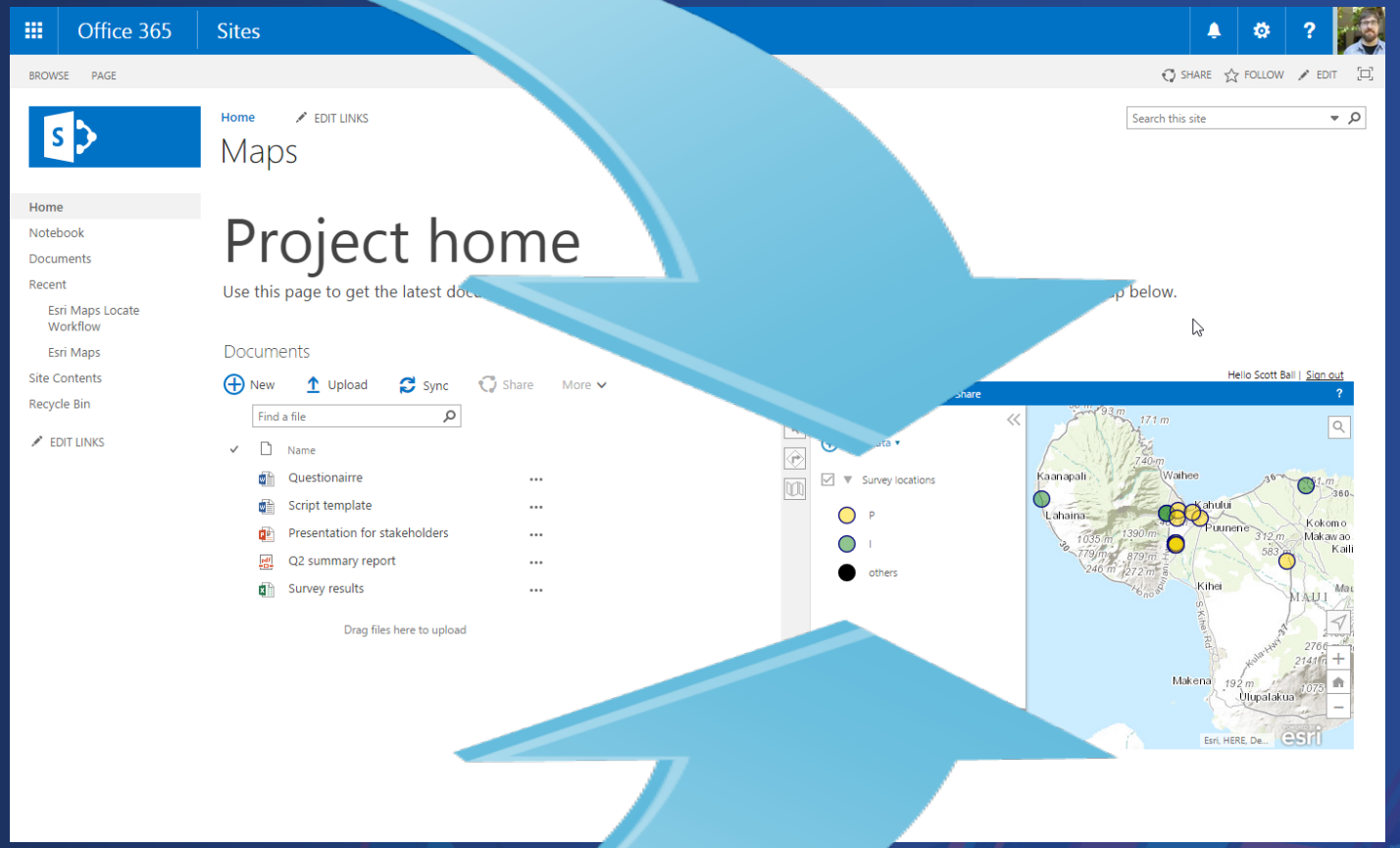
Previous Maps for SharePoint Implementation Pattern

Web Hosting
(internal or external)

Team Collaboration
Site

Document
Management

Your SharePoint team site or web page



Custom List

Your geoenabled SharePoint lists

New Maps for SharePoint implementation Pattern

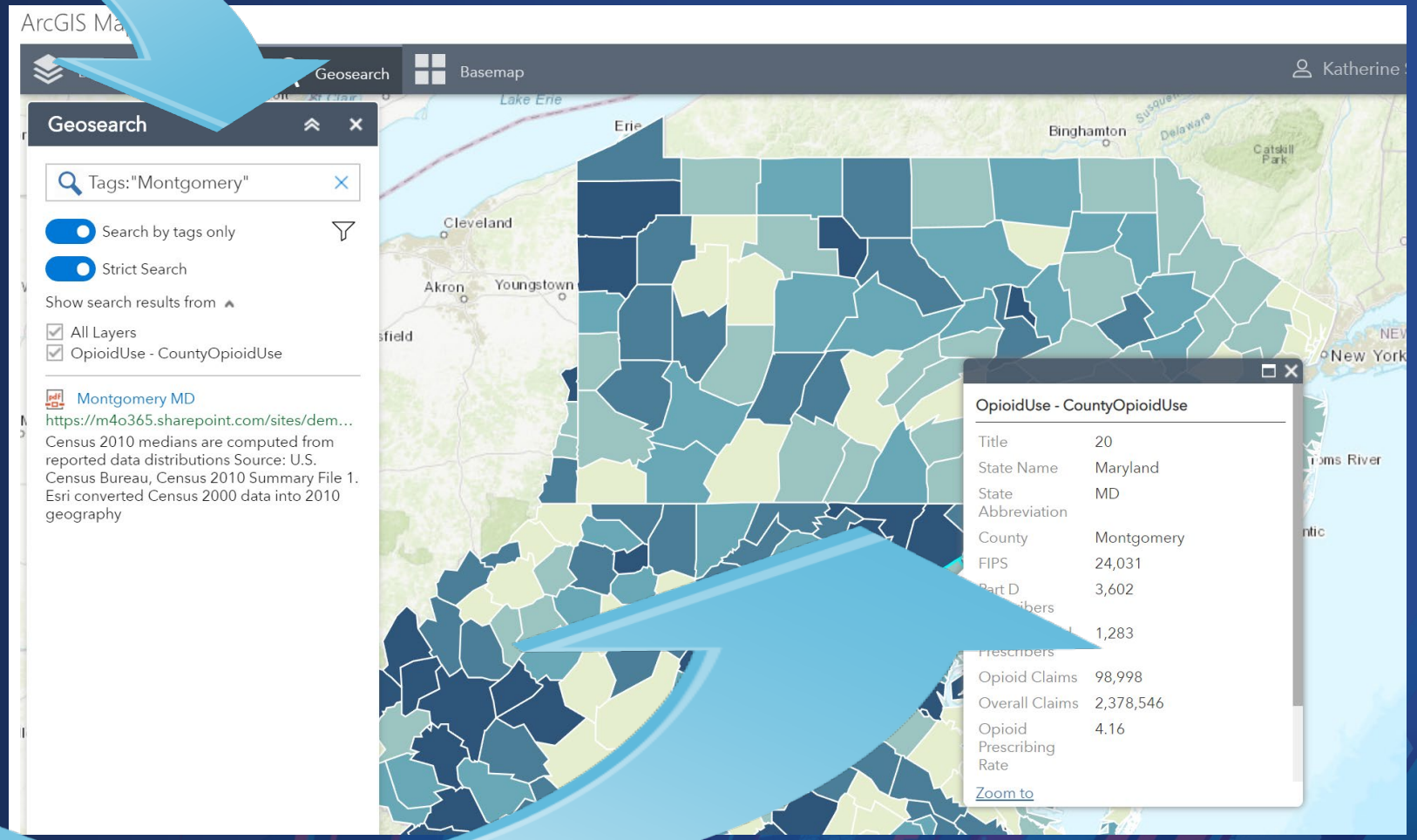
Web Hosting
(internal or external)

Team Collaboration
Site

Document
Management

Geotag and Geosearch Your SharePoint Documents

Search by Geotag or click on the map



Custom List

Your geoenabled SharePoint lists

ArcGIS Map Search App Part

01

JavaScript-based Web Part for Esri Maps for SharePoint

Allow guests to view the Esri Map Search Web Part with limited functionality

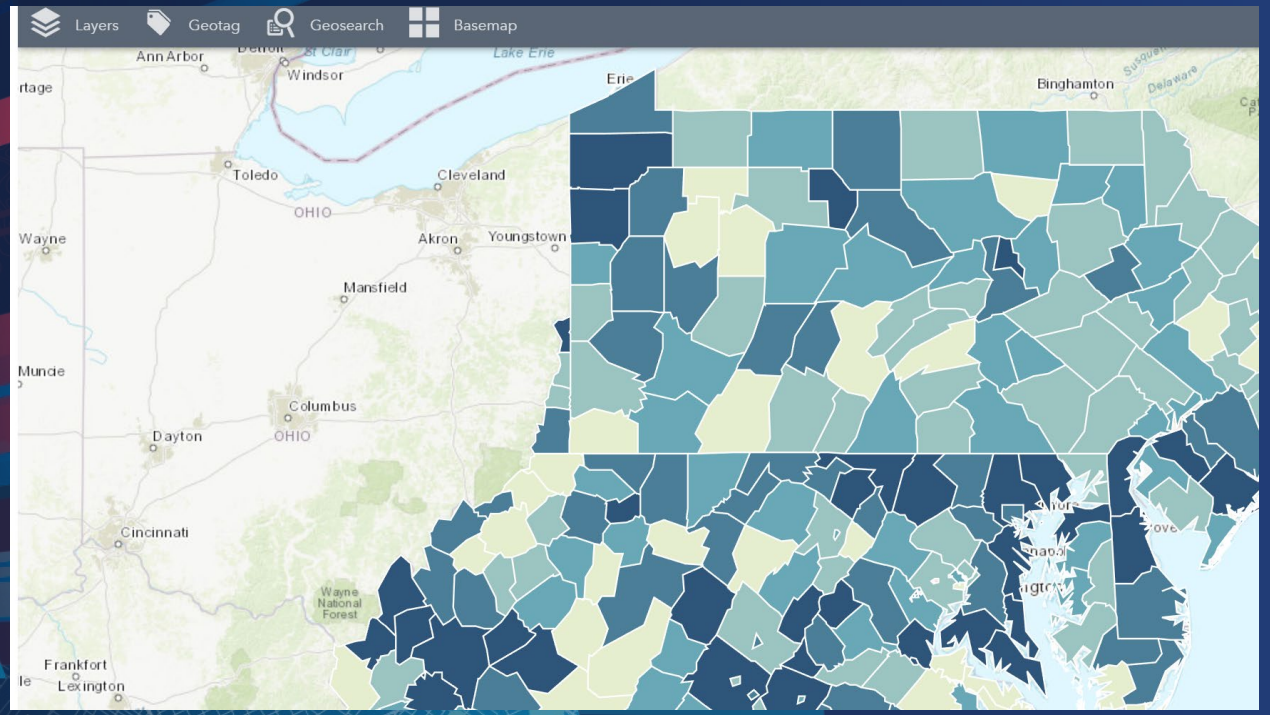
02

04

Interactive Map

Enables document geotagging and document search by geography from SharePoint or ArcGIS Online

03



GeoSearch & Geotag Demo

ArcGIS Maps App Part

01

JavaScript-based Web Part for Esri Maps for SharePoint

Allow guests to view the Esri Maps Web Part with limited functionality

02

04

Interactive Map

Combines rich displays of data: SharePoint Lists, ArcGIS-hosted feature services and ArcGIS web maps

03

Visualize

Overlay data on maps showing demographics

Infographic Displays

Style & Group based on attribute values

Work

Filter Layers & add, delete, change attributes

Auto Refresh layers

Configure Pop-ups

ArcGIS

Get Routes

View records, find nearby or drive times

Heat Maps & Cluster Locations

Find Nearby

Hot & Cold Spots

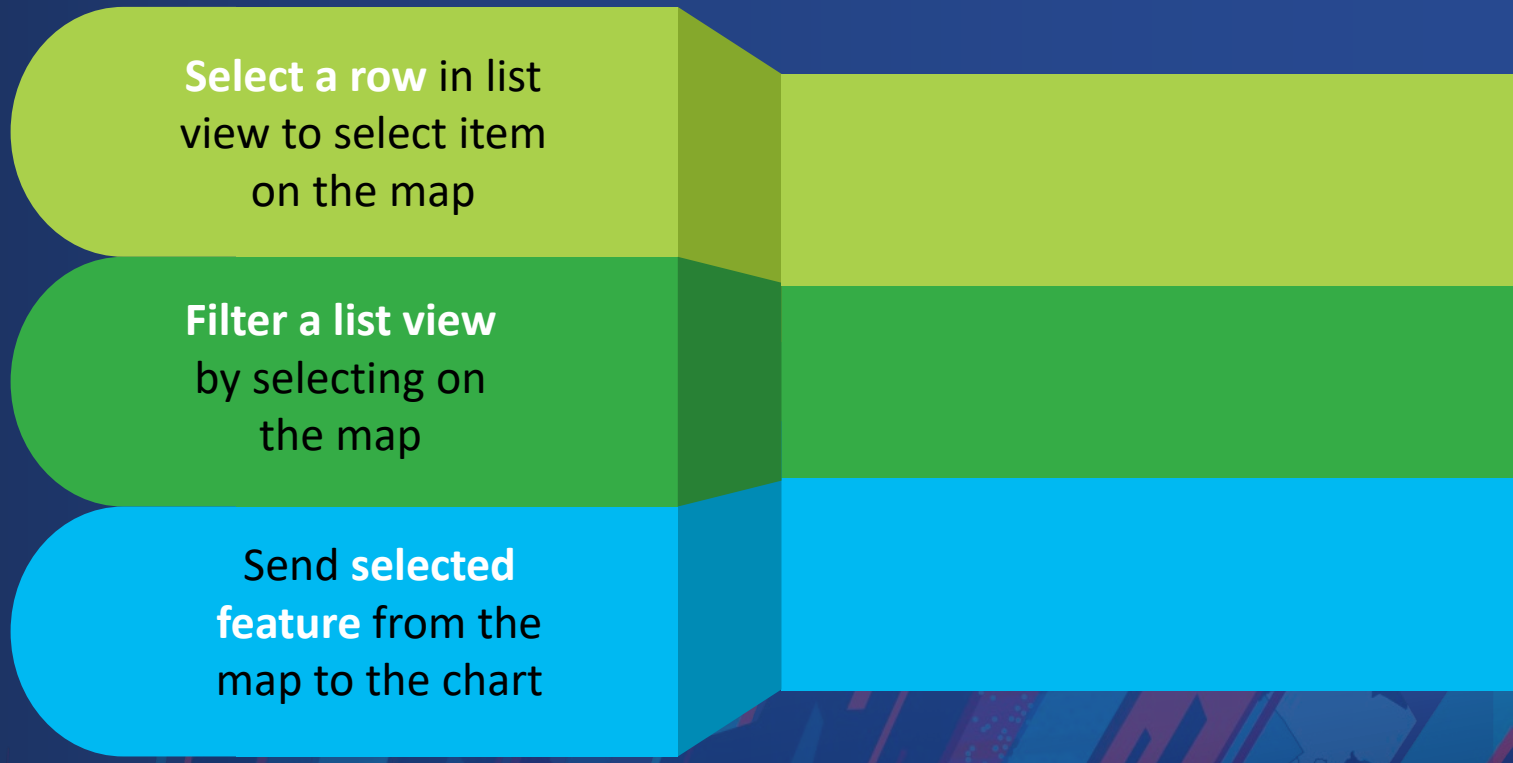
Create reports

Analyze

Web Part Connectivity

Esri Maps Web Part connects to:

1. **SharePoint List View Web Part**
2. **SharePoint Chart Web Part***



Locate Workflow

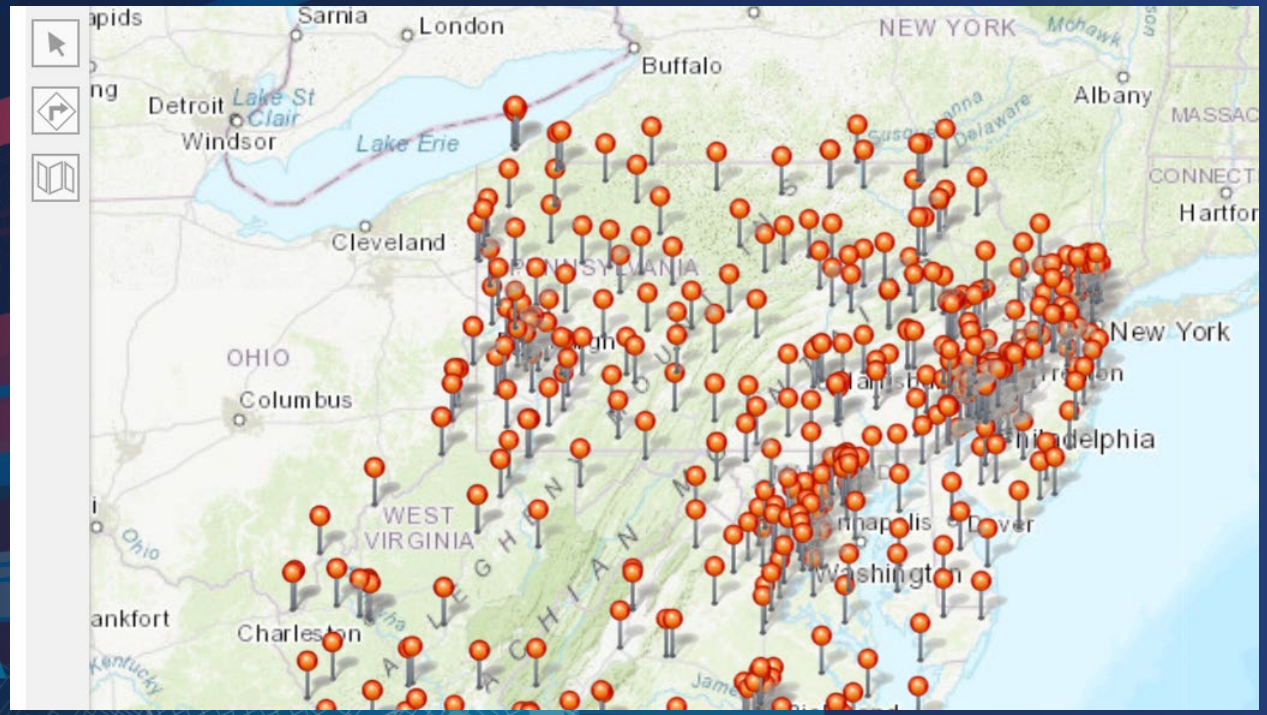
Out of the box Geocoders

Custom Location Types

Custom Geocoders

Appends Shape x, y or Shape information

Connect Workflow



Locate Workflow Demo

Customization & Extensibility

Modify layout and selection colors

Add and remove existing tools & behaviors

Behaviors

- Show Mouse Coordinates
- Restrict Map Extent
- Show Current Location on App init

Tools

- Measure Tool
- Route Tool
- Track Sales

PictureMarkerSets

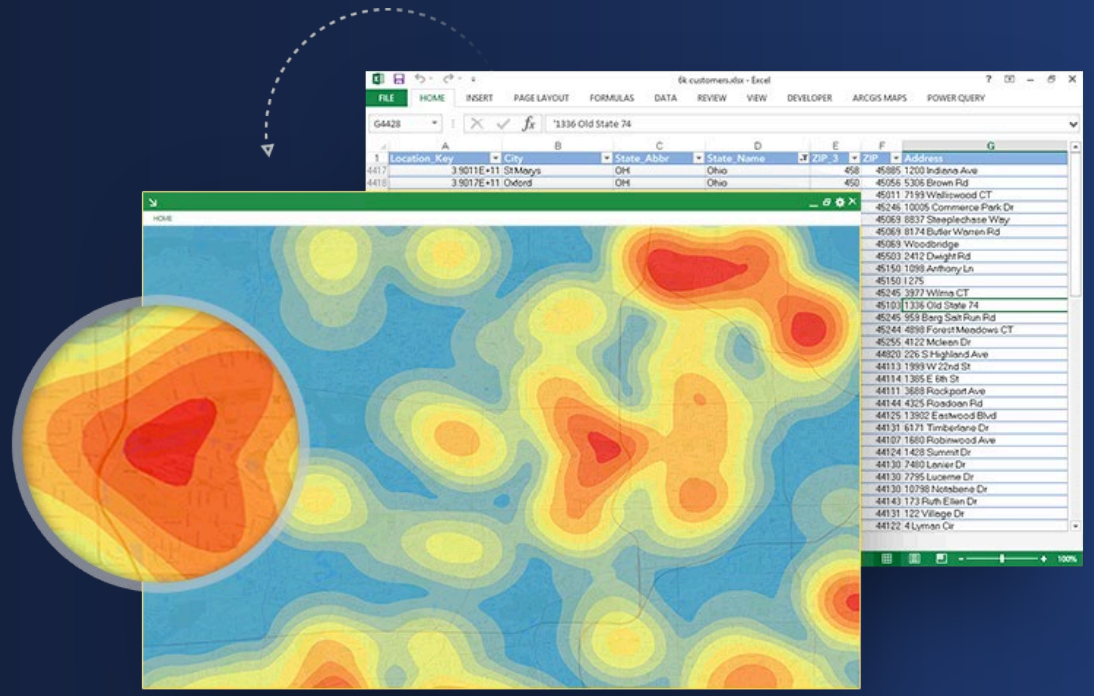
Add custom functionality via tools and behaviors

- -Access ArcGIS JS objects such as the map, pop-up and portal
- -Persist and retrieve custom configuration
- -Display messages and widgets

Plug-in custom picture marker sets

- -E.g. your organization's custom symbols

Road Ahead – Maps for Office and Maps for SharePoint



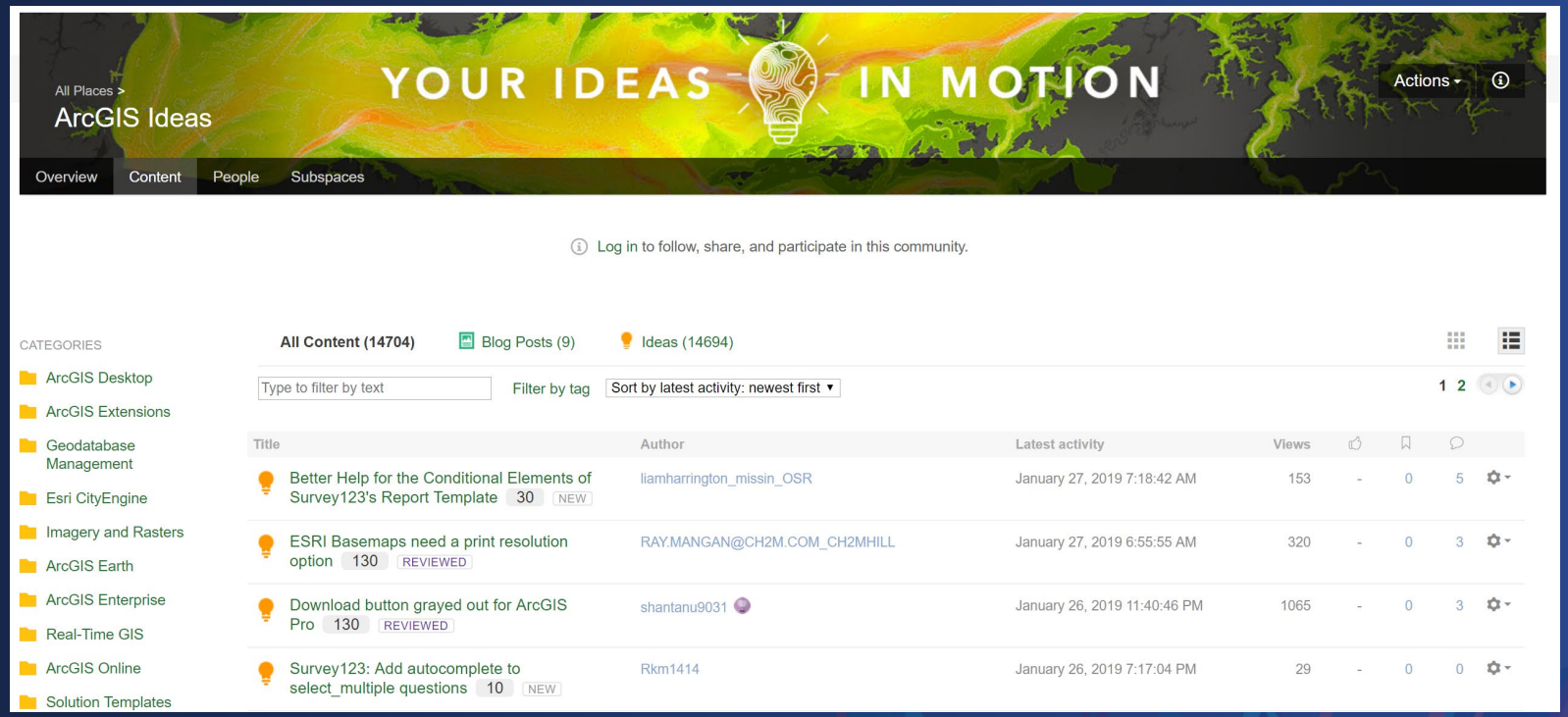
Mid-term

Sharing improvements

UX enhancements

Bug fixes

Be sure to share your ideas!



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THE
SCIENCE
OF
WHERE

Print Your Certificate of Attendance

Print Stations Located at L Street Bridge

Tuesday

12:30 pm – 6:30 pm
GIS Solutions Expo
Hall D

5:15 pm – 6:30 pm
GIS Solutions Expo Social
Hall D

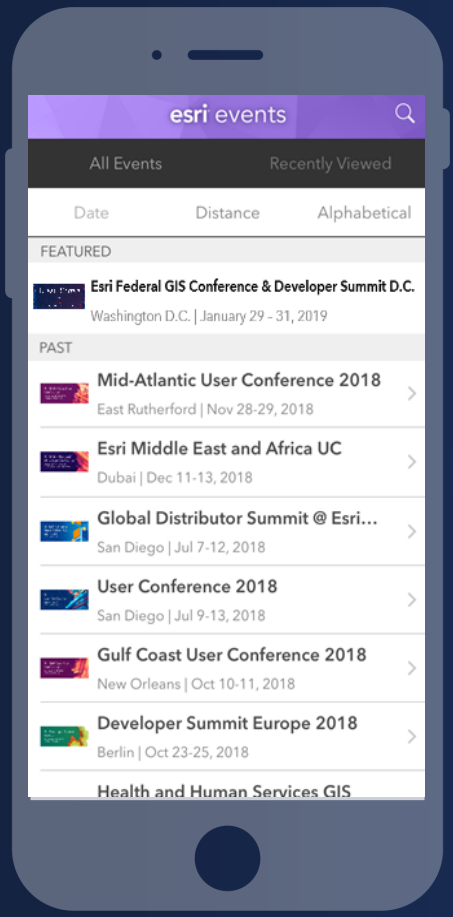
Wednesday

10:45 am – 5:15 pm
GIS Solutions Expo
Hall D

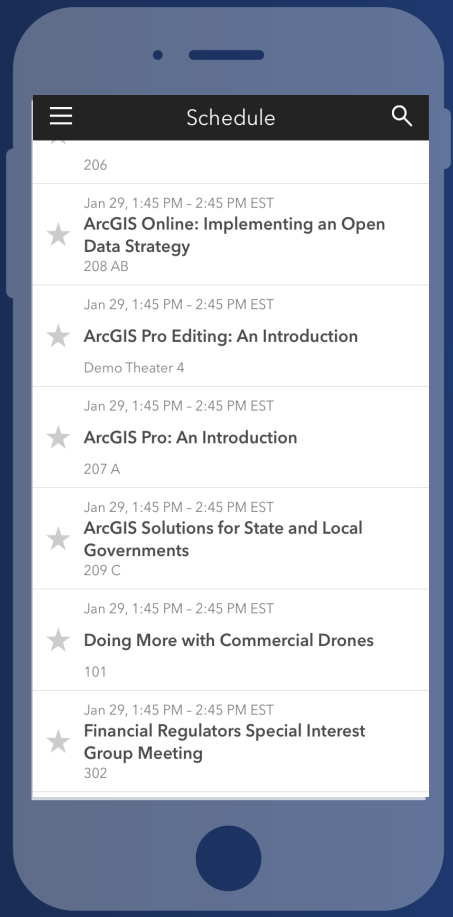
6:30 pm – 9:00 pm
Networking Reception
National Museum of Natural History

Please Take Our Survey on the App

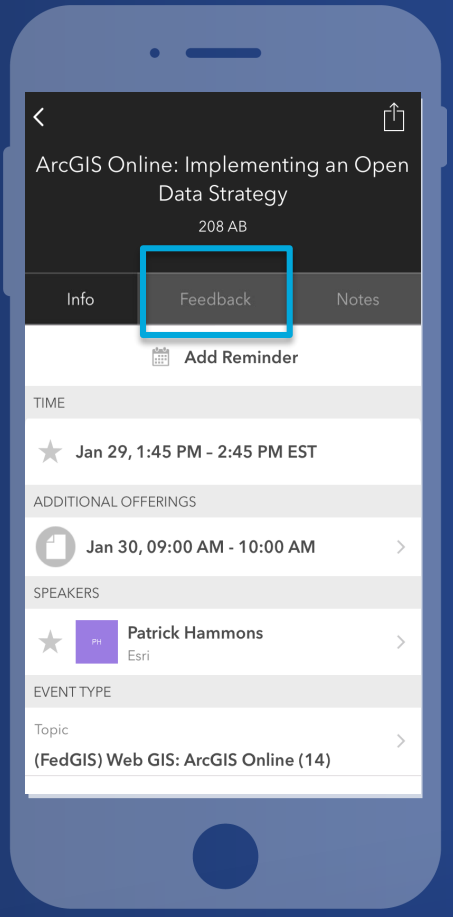
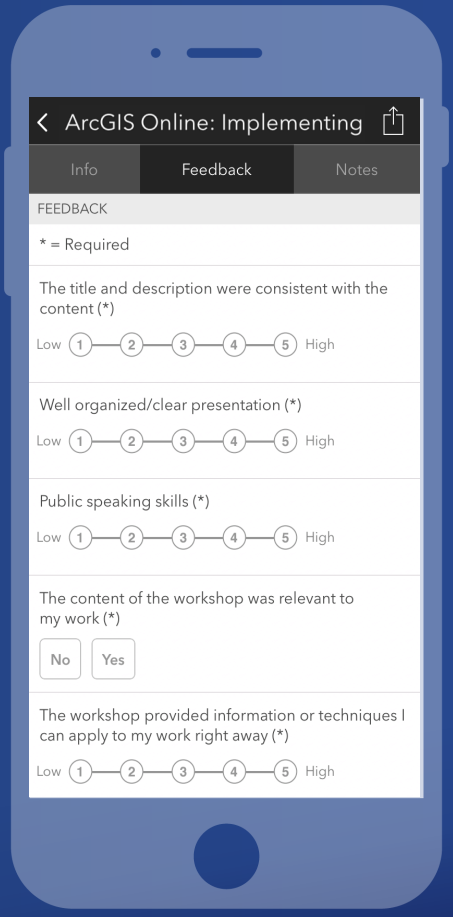
Download the Esri Events app and find your event



Select the session you attended



Scroll down to find the feedback section



Complete answers and select “Submit”