Esri & Microsoft: Better Together

Jon Doherty, Esri State Government

Agenda

- ArcGIS for Microsoft 365
  - ArcGIS for Office, Power BI, Power Automate, SharePoint, and Teams
- Roadmap
- Licensing
- Discussion

ArcGIS for Microsoft 365

ArcGIS for Microsoft 365

ArcGIS for Teams Communication, collaboration

ArcGIS for Power Automate Connect to data, schedule and automate tasks

ArcGIS for Office

Map Excel spreadsheet data

Include data from ArcGIS Online

Add dynamic maps to PowerPoint

ArcGIS for SharePoint

Map SharePoint and ArcGIS data

Share maps on internal and public websites

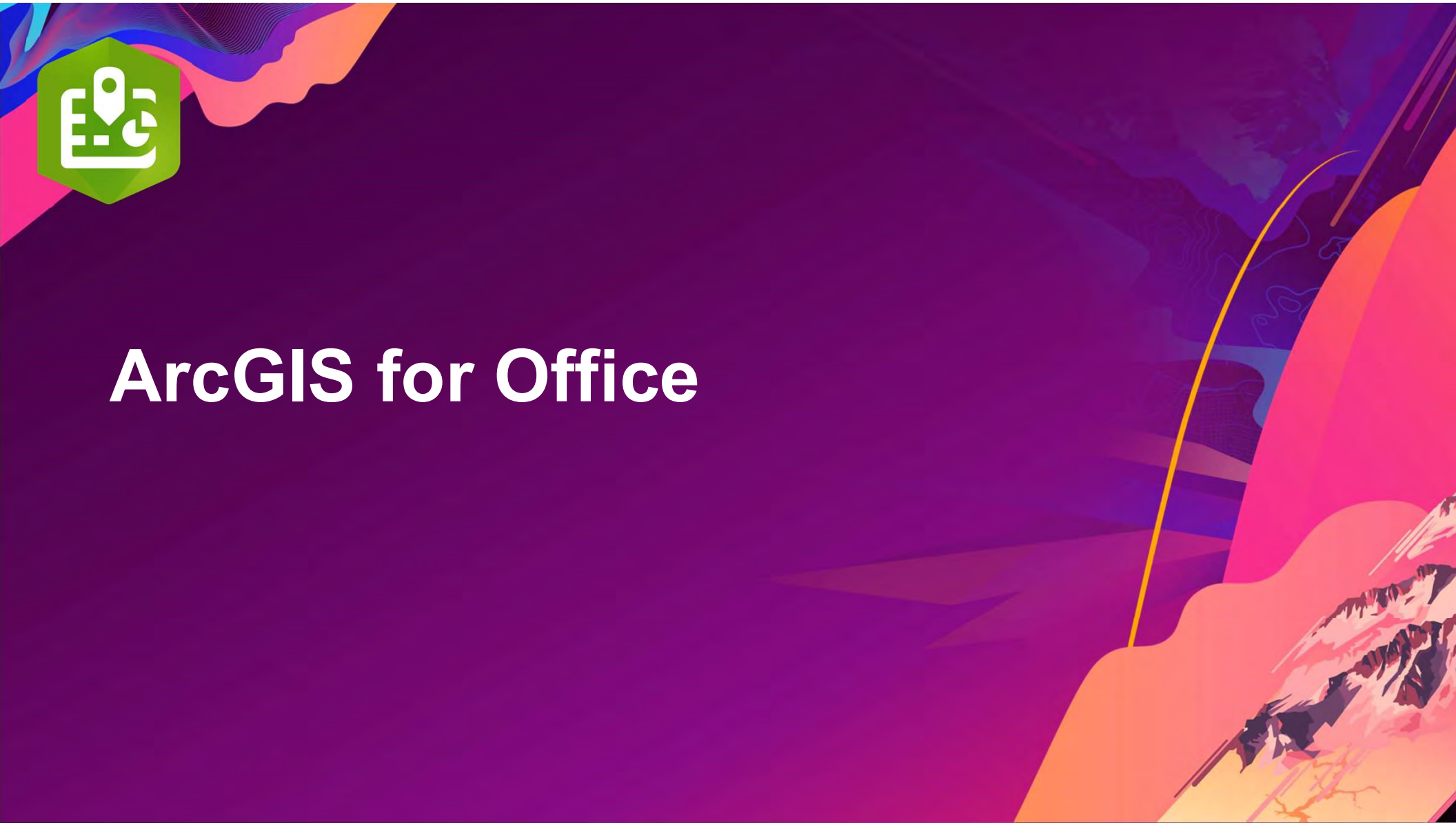
GeoTag documents to organize SharePoint data by location

ArcGIS for Power BI

Map Power BI and ArcGIS data

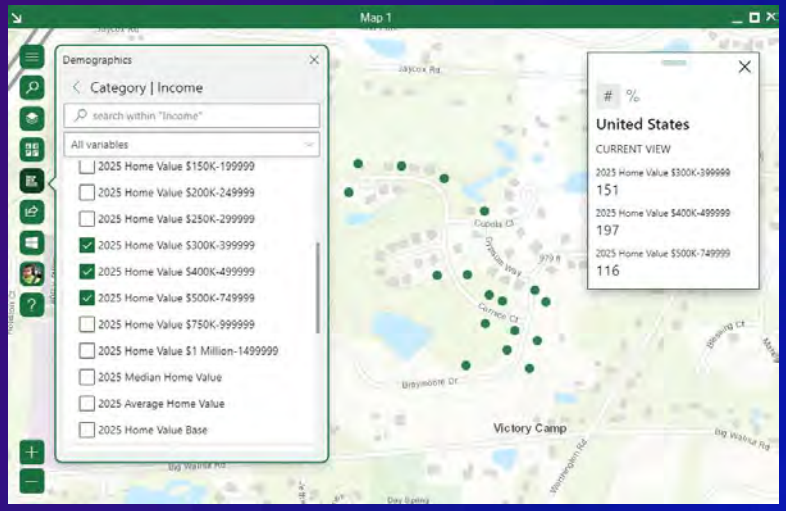
Use spatial analysis in Power BI

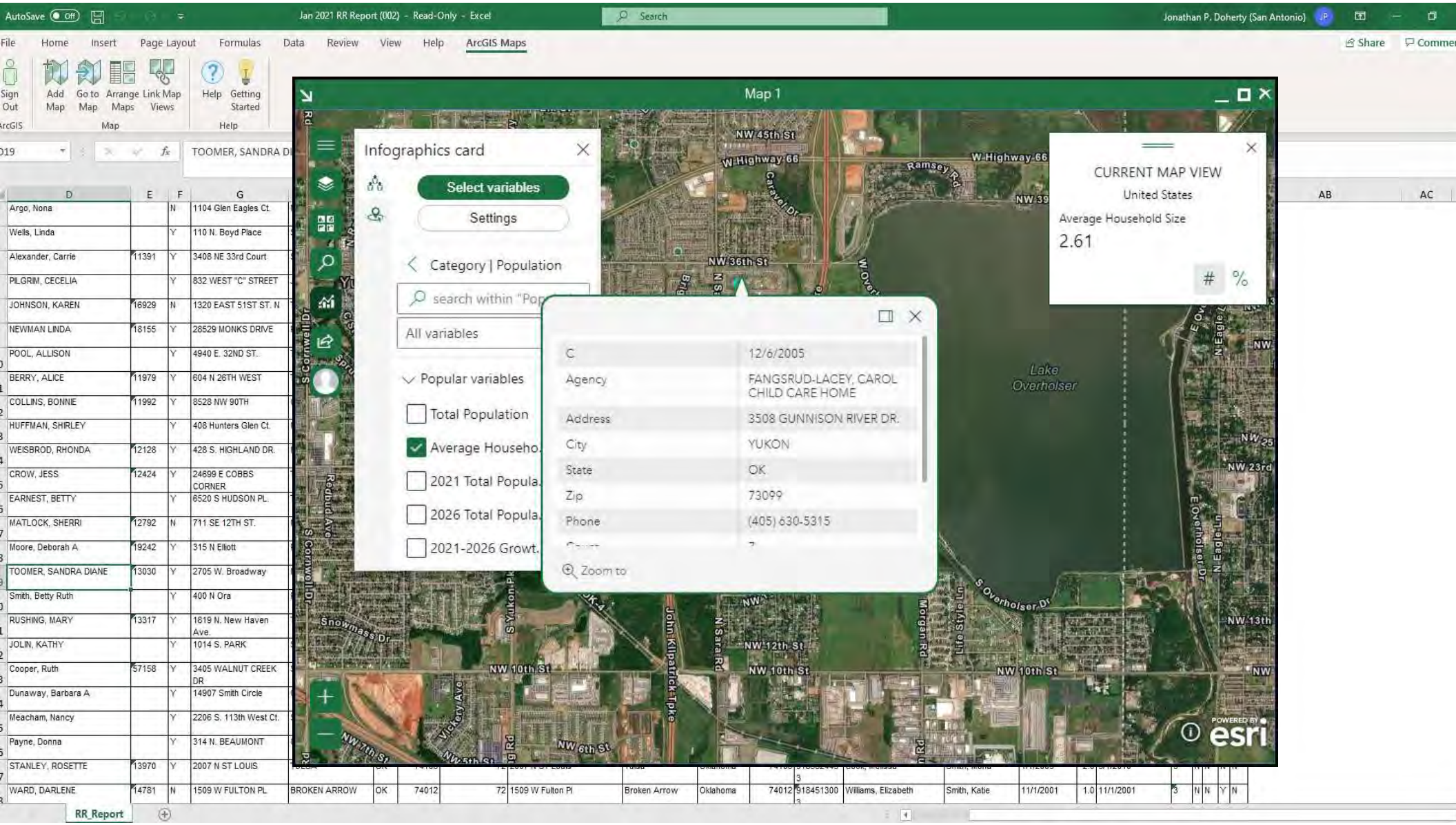
Share reports with maps


ArcGIS for Office

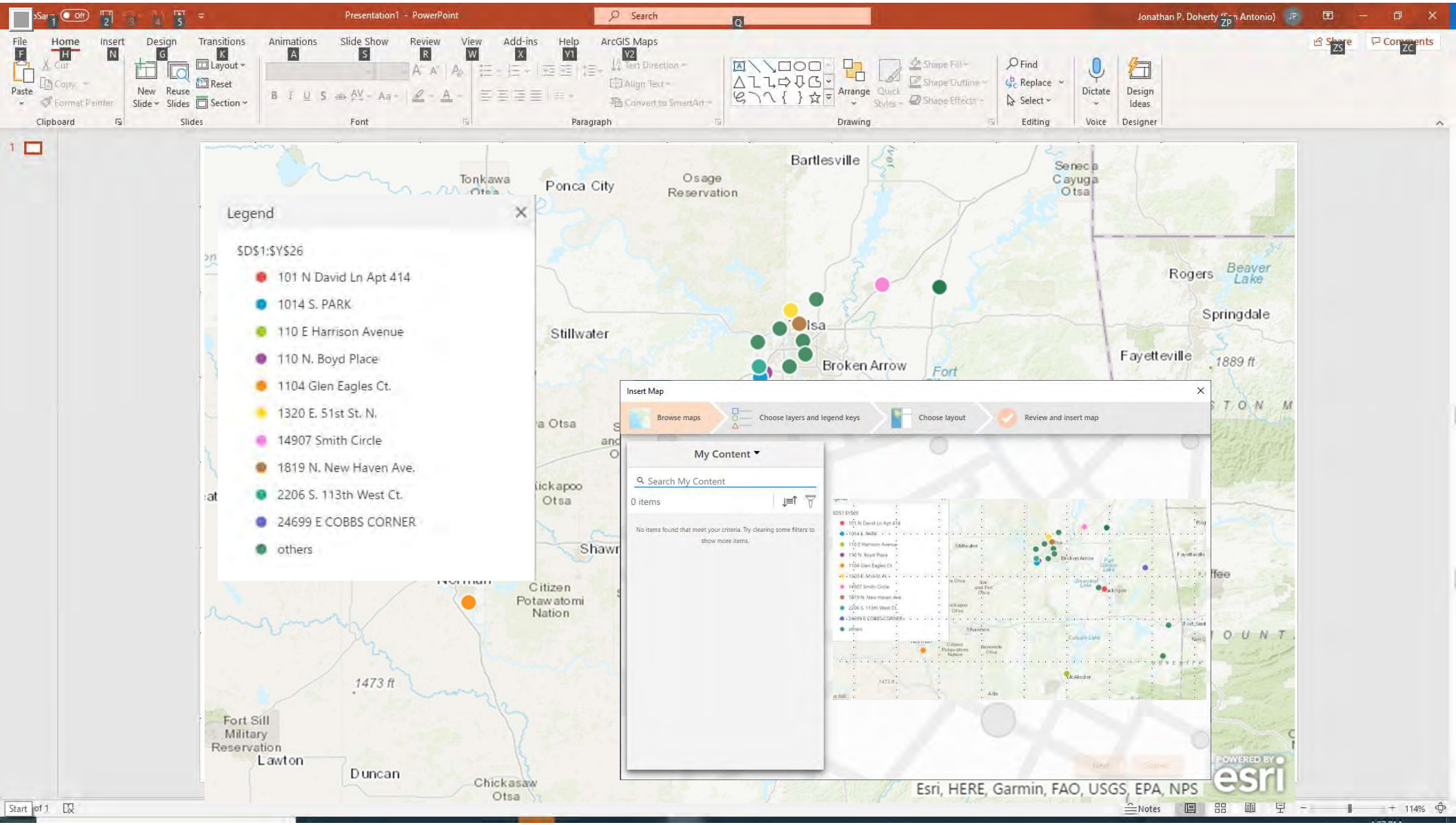
ArcGIS for Office

- Create Maps and Layers from Excel data
- Consume WebMaps and Layers
  - Living Atlas, Demographics, & your Organizational Data
- Lightweight Analysis
  - Detect patterns & trends
- Static & Dynamic Maps in PowerPoint
- Publish layers to ArcGIS
  - Create new feature layers
  - update shared layers
  - Updates to the spreadsheet update the map



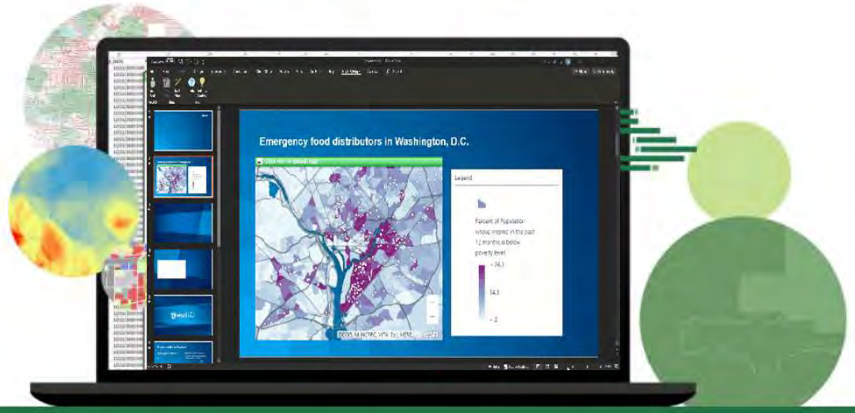


Argo, Nona		N	1104 Glen Eagles Ct.																				
Wells, Linda		Y	110 N. Boyd Place																				
Alexander, Carrie	11391	Y	3408 NE 33rd Court																				
PILGRIM, CECELIA		Y	832 WEST "C" STREET																				
JOHNSON, KAREN	16929	N	1320 EAST 51ST ST. N																				
NEWMAN LINDA	18155	Y	28529 MONKS DRIVE																				
POOL, ALLISON		Y	4940 E. 32ND ST.																				
BERRY, ALICE	11979	Y	604 N 26TH WEST																				
COLLINS, BONNIE	11992	Y	8528 NW 90TH																				
HUFFMAN, SHIRLEY		Y	408 Hunters Glen Ct.																				
WEISBROD, RHONDA	12128	Y	428 S. HIGHLAND DR.																				
CROW, JESS	12424	Y	24699 E COBBS CORNER																				
EARNEST, BETTY		Y	6520 S HUDSON PL.																				
MATLOCK, SHERRI	12792	N	711 SE 12TH ST.																				
Moore, Deborah A	19242	Y	315 N Elliott																				
TOOMER, SANDRA DIANE	13030	Y	2705 W. Broadway																				
Smith, Betty Ruth		Y	400 N Ora																				
RUSHING, MARY	13317	Y	1819 N. New Haven Ave.																				
JOLIN, KATHY		Y	1014 S. PARK																				
Cooper, Ruth	57158	Y	3405 WALNUT CREEK DR																				
Dunaway, Barbara A		Y	14907 Smith Circle																				
Meacham, Nancy		Y	2206 S. 113th West Ct.																				
Payne, Donna		Y	314 N. BEAUMONT																				
STANLEY, ROSETTE	13970	Y	2007 N ST LOUIS																				
WARD, DARLENE	14781	N	1509 W FULTON PL	BROKEN ARROW	OK	74012	72	1509 W Fulton Pl	Broken Arrow	Oklahoma	74012	918451300 3	Williams, Elizabeth	Smith, Katie	11/1/2001	1.0	11/1/2001	3	N	N	Y	N	


Presentation1 - PowerPoint
Search
Jonathan P. Doherty (San Antonio)
File Home Insert Design Transitions Animations Slide Show Review View Add-ins Help ArcGIS Maps
Share
Comments
Paste
Cut
Copy
Format Painter
New Slide
Reuse Slides
Layout
Reset
Section
Clipboard
Slides
Font
Paragraph
Arrange
Quick Styles
Shape Fill
Shape Outline
Shape Effects
Drawing
Find
Replace
Select
Editing
Dictate
Voice
Design Ideas
Designer
Legend
$D$1:$Y$26
101 N David Ln Apt 414
1014 S. PARK
110 E Harrison Avenue
110 N. Boyd Place
1104 Glen Eagles Ct.
1320 E. 51st St. N.
14907 Smith Circle
1819 N. New Haven Ave.
2206 S. 113th West Ct.
24699 E COBBS CORNER
others
Insert Map
Browse maps
Choose layers and legend keys
Choose layout
Review and insert map
My Content
Search My Content
0 items
No items found that meet your criteria. Try clearing some filters to show more items.
Bartlesville
Ponca City
Osage Reservation
Seneca Cayuga Otsa
Tonkawa
Stillwater
Isa
Broken Arrow
Rogers
Beaver Lake
Springdale
Fayetteville
1889 ft
Citizen Potawatomi Nation
1473 ft
Fort Sill Military Reservation
Lawton
Duncan
Chickasaw Otsa
Esri, HERE, Garmin, FAO, USGS, EPA, NPS
POWERED BY esri
Notes
114%

esri Products Solutions Support & Services Stories About

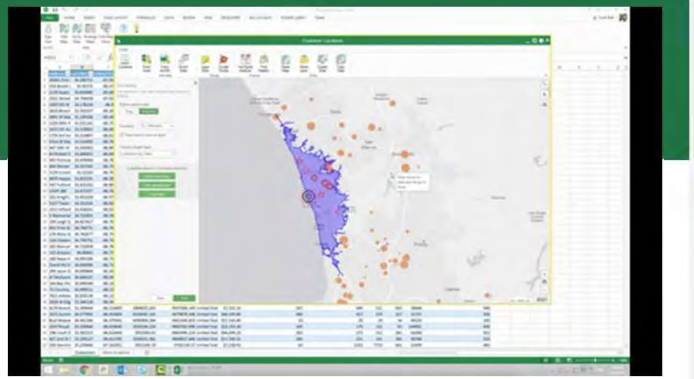
ArcGIS for Office | Overview | Resources | Download



ArcGIS for Office

Interactive maps in your spreadsheets and presentations

Make maps in Microsoft Excel and further the power of ArcGIS Online and ArcGIS Enterprise. ArcGIS for Office puts Excel data in the context of location. Use location intelligence to transform your graphs and charts into interactive maps directly in Microsoft Excel to see data from another perspective. Then, use Microsoft PowerPoint to share your map.



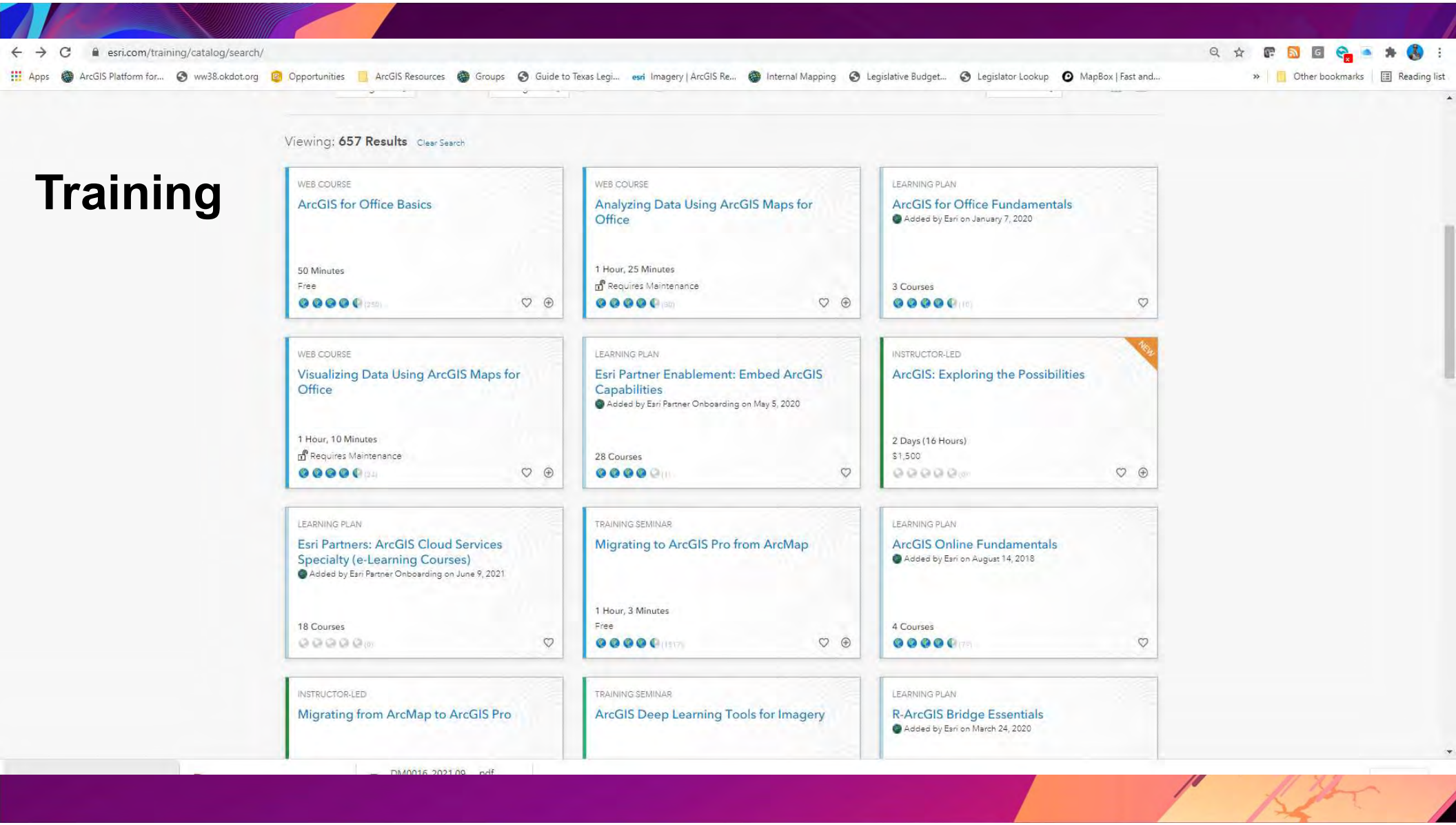
Add location intelligence

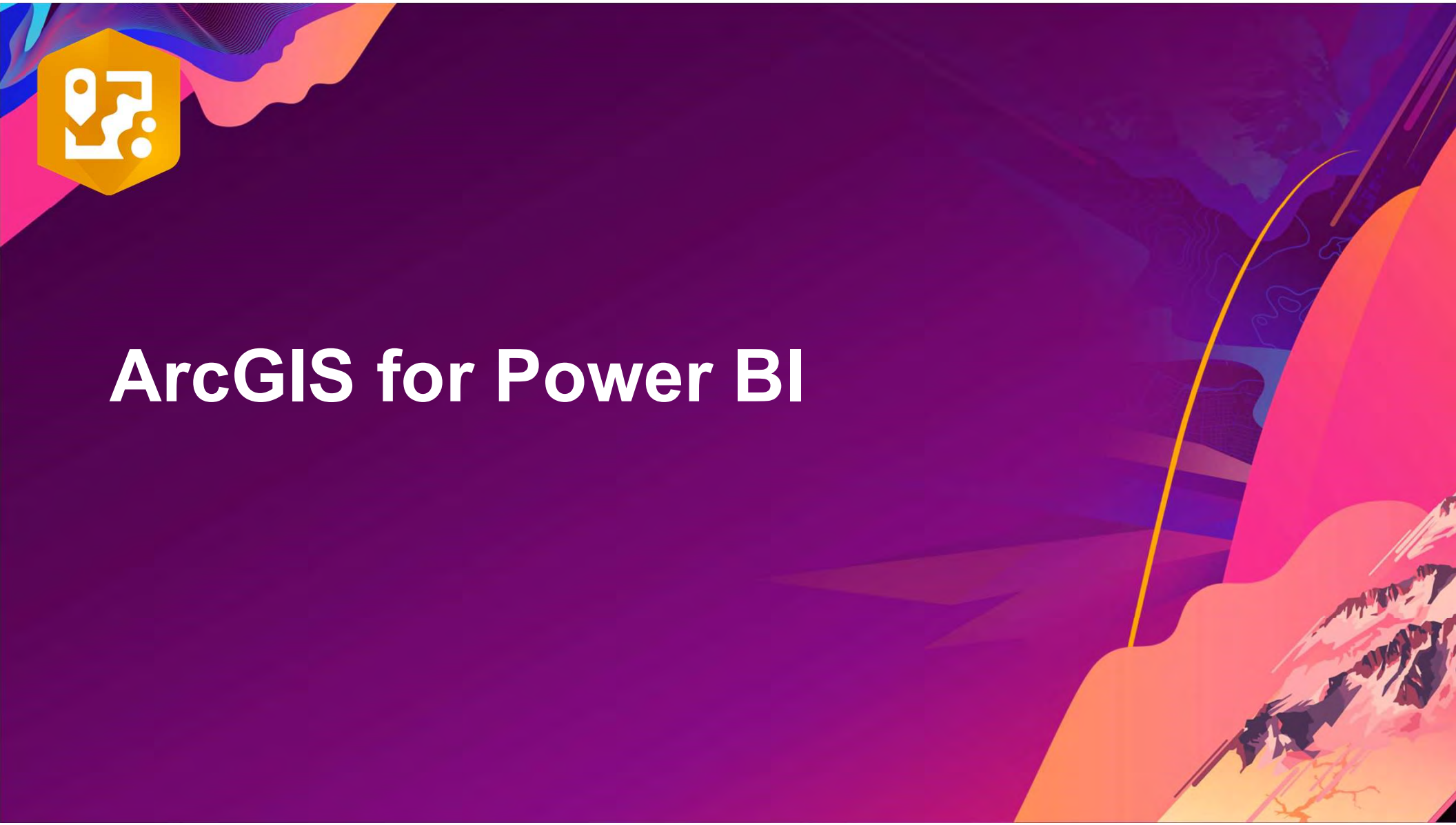
Maximize your information

Map your data to extract maximum value by asking a whole new set of location-related questions. Gain new perspectives you've been missing.

www.esri.com/en-us/arcgis/products/arcgis-for-office/download

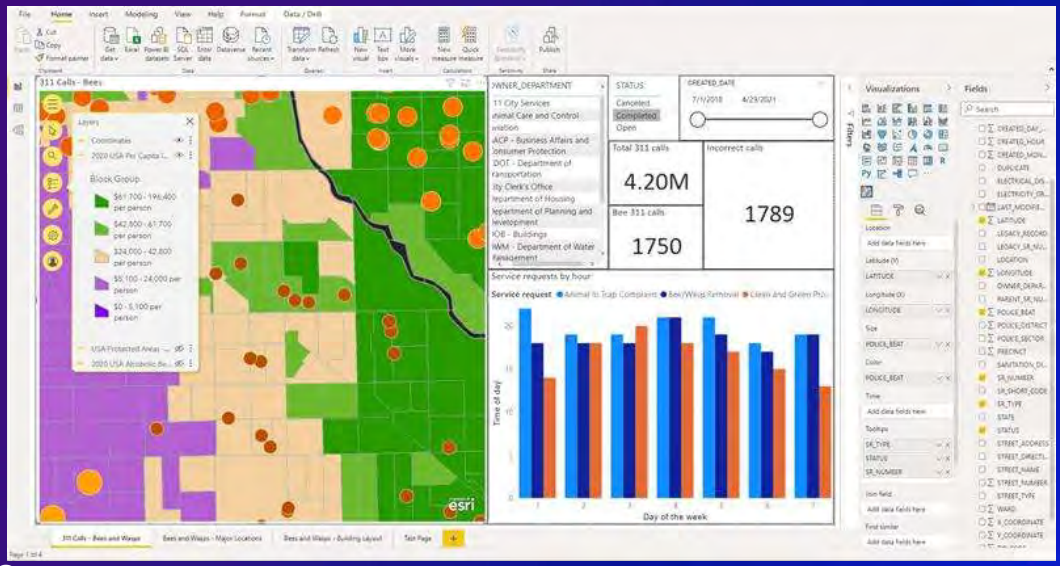
Training

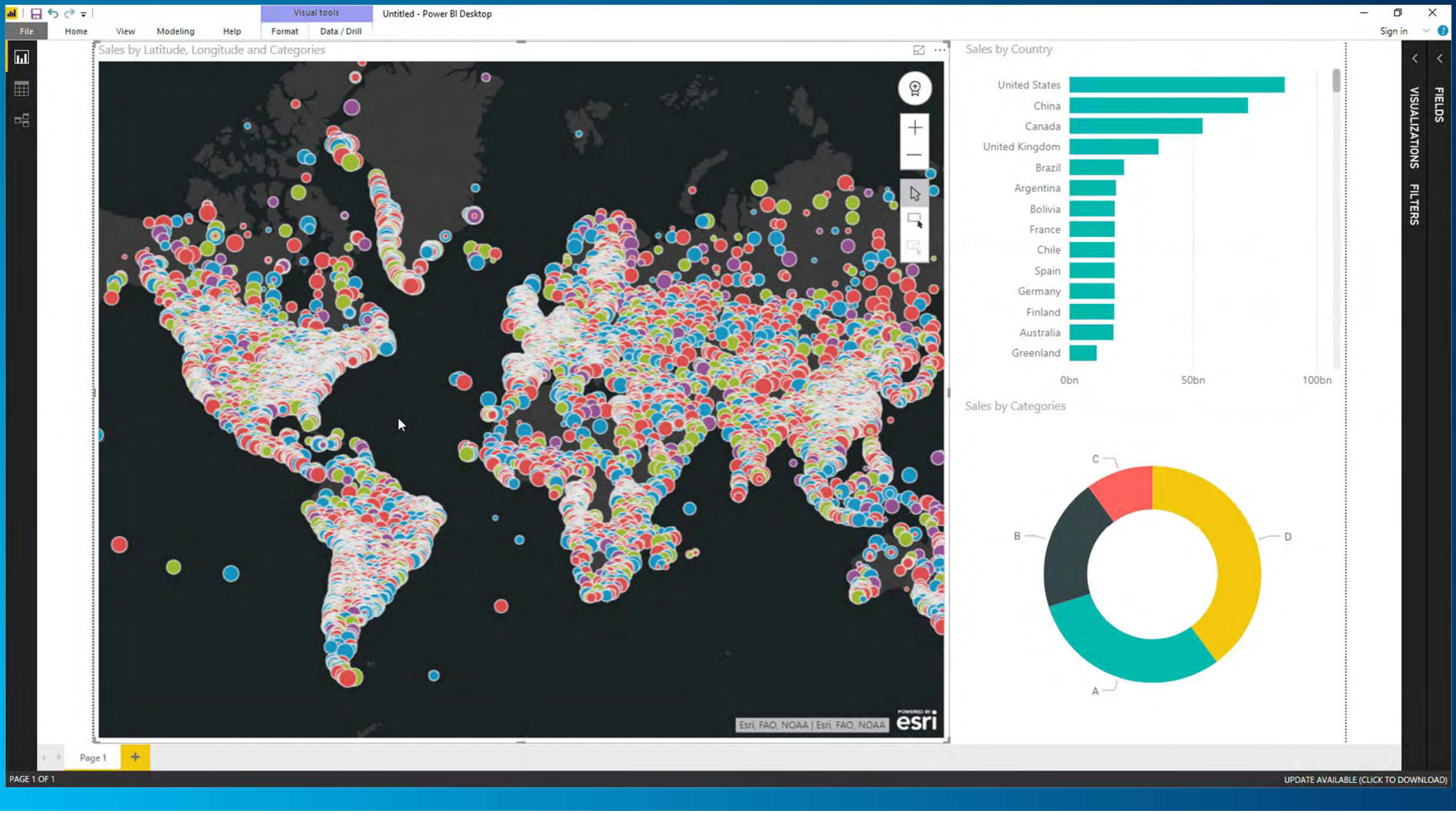

esri.com/training/catalog/search/
Apps
ArcGIS Platform for...
ww38.okdot.org
Opportunities
ArcGIS Resources
Groups
Guide to Texas Legi...
Imagery | ArcGIS Re...
Internal Mapping
Legislative Budget...
Legislator Lookup
MapBox | Fast and...
Other bookmarks
Reading list
Viewing: 657 Results
Clear Search
WEB COURSE
ArcGIS for Office Basics
50 Minutes
Free
WEB COURSE
Analyzing Data Using ArcGIS Maps for Office
1 Hour, 25 Minutes
Requires Maintenance
LEARNING PLAN
ArcGIS for Office Fundamentals
Added by Esri on January 7, 2020
3 Courses
WEB COURSE
Visualizing Data Using ArcGIS Maps for Office
1 Hour, 10 Minutes
Requires Maintenance
LEARNING PLAN
Esri Partner Enablement: Embed ArcGIS Capabilities
Added by Esri Partner Onboarding on May 5, 2020
28 Courses
INSTRUCTOR-LED
NEW
ArcGIS: Exploring the Possibilities
2 Days (16 Hours)
$1,500
LEARNING PLAN
Esri Partners: ArcGIS Cloud Services Specialty (e-Learning Courses)
Added by Esri Partner Onboarding on June 9, 2021
18 Courses
TRAINING SEMINAR
Migrating to ArcGIS Pro from ArcMap
1 Hour, 3 Minutes
Free
LEARNING PLAN
ArcGIS Online Fundamentals
Added by Esri on August 14, 2018
4 Courses
INSTRUCTOR-LED
Migrating from ArcMap to ArcGIS Pro
TRAINING SEMINAR
ArcGIS Deep Learning Tools for Imagery
LEARNING PLAN
R-ArcGIS Bridge Essentials
Added by Esri on March 24, 2020


ArcGIS for Power BI

ArcGIS for Power BI

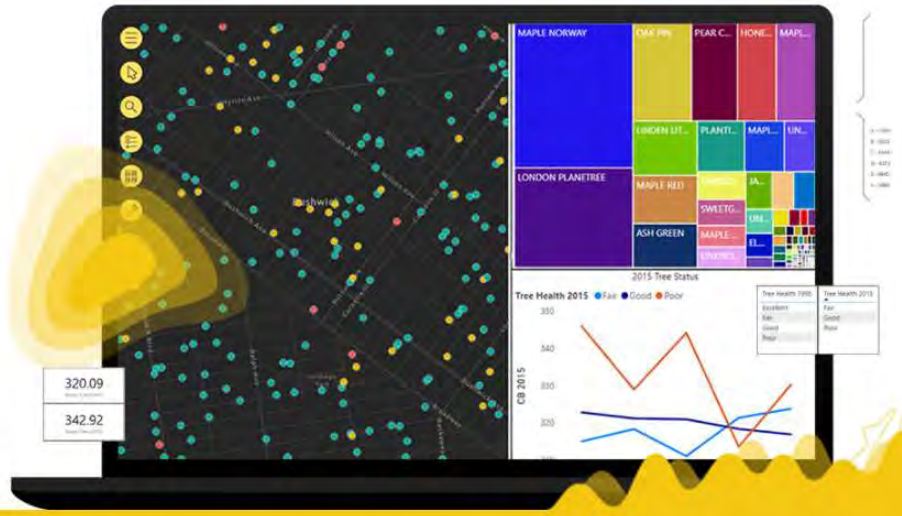
- Visualize Power BI data on a Map
- Attribute based layer joins
- Add layers for context
  - Living Atlas, Demographics & your own Organizational Content
- Lightweight Analysis tools
  - Detect patterns and trends in your data
- Publish to Web and Embedded Reports
- Integrated Power BI User Experience
  - Support for both Report Designers and Viewers
- Ships in the box with Power BI



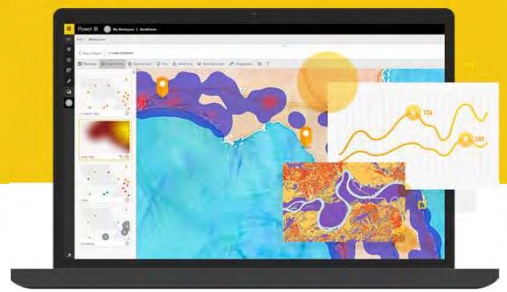

Untitled - Power BI Desktop
File
Home
View
Modeling
Help
Visual tools
Format
Data / Drill
Sign in
Sales by Latitude, Longitude and Categories
Esri, FAO, NOAA | Esri, FAO, NOAA
Sales by Country
United States
China
Canada
United Kingdom
Brazil
Argentina
Bolivia
France
Chile
Spain
Germany
Finland
Australia
Greenland
0bn
50bn
100bn
Sales by Categories
A
B
C
D
VISUALIZATIONS
FILTERS
FIELDS
Page 1
PAGE 1 OF 1
UPDATE AVAILABLE (CLICK TO DOWNLOAD)

ArcGIS for Power BI

Map and analyze data in Power BI



Add a new layer of depth to data analysis within Power BI. ArcGIS for Power BI is a tool that enables you to map and visualize your data. The built-in spatial analysis tools and Esri's rich collection of global data can help you uncover patterns and trends that are difficult to see in charts, tables, or spreadsheets.

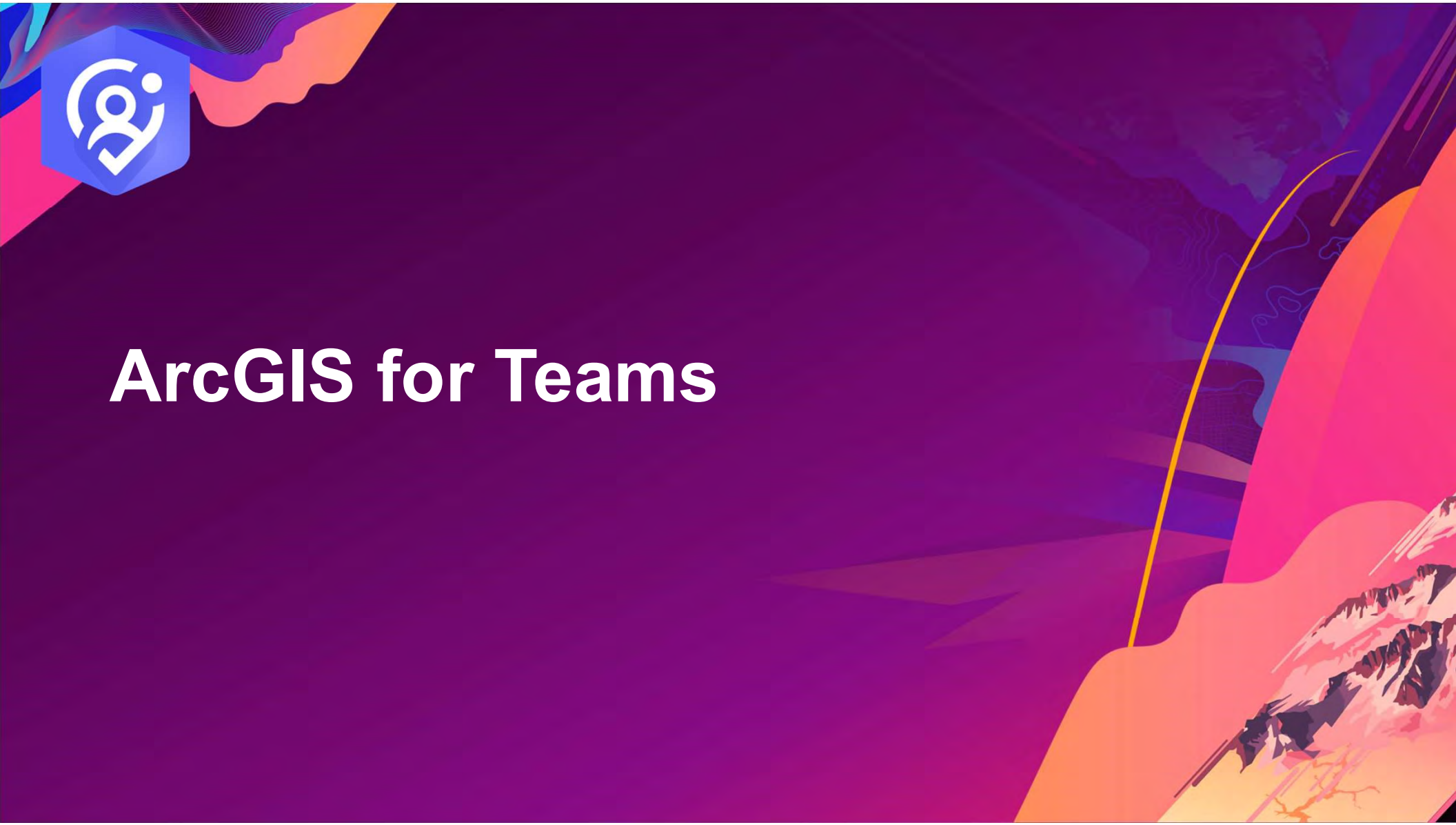


Benefits of ArcGIS for Power BI

ArcGIS for Power BI offers benefits for those who create reports in Power BI as well as report viewers.

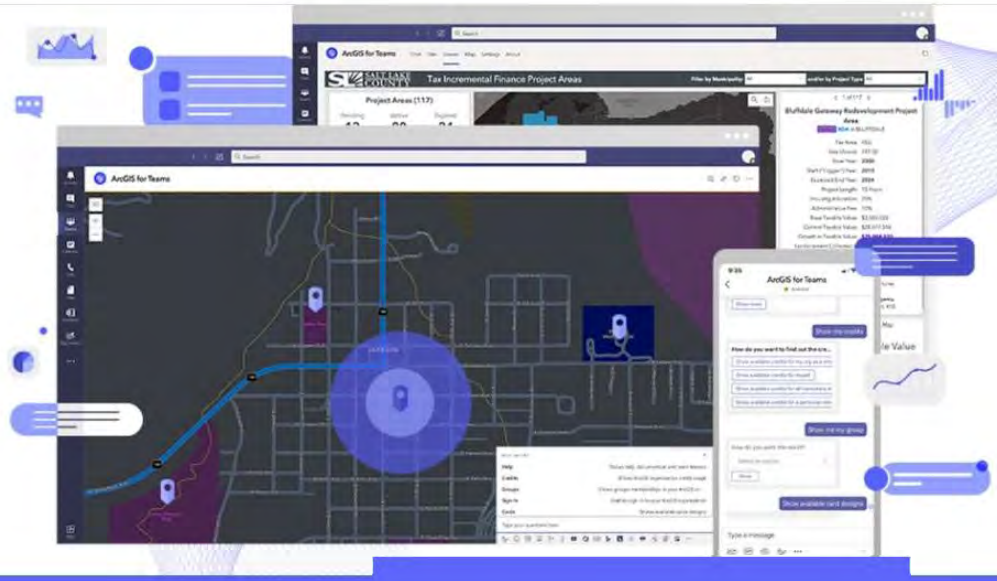
Visualize data on maps | Spatially analyze your data | Bring your ArcGIS data | Share reports with maps | Data accuracy and security

STAY CONNECTED


ArcGIS for Teams

ArcGIS for Teams

- Application is available for ArcGIS Online Only
  - Search
  - View
  - Share
- From within Microsoft Teams
  - Insert maps and apps where the conversation is happening
    - Leverage ArcGIS Apps & Capabilities in Teams
    - Open Survey 123, Dashboards and more within Teams
  - Manage your ArcGIS organization from within Teams
  - Refine your searches to discover items fast



ArcGIS for Teams

Transform teamwork with maps and apps in Microsoft Teams

Designed for coordination and collaboration

Seamless collaboration across an organization starts with ArcGIS for Teams. This Microsoft Teams integration enables teams to create maps, share content, and manage data in a centralized location, all while leveraging ArcGIS apps in everyday chats and meetings.

Maps and apps in Microsoft Teams

Maps and apps at your fingertips

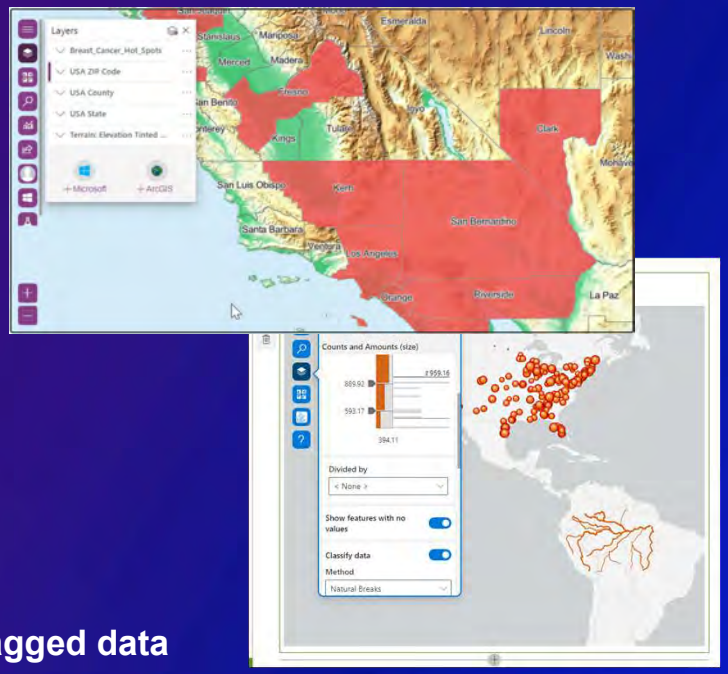
Keep content central and organized

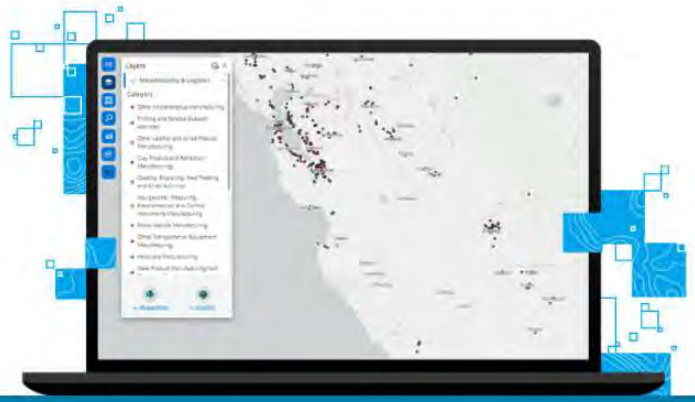
Share content in seconds

ArcGIS for SharePoint

ArcGIS for SharePoint

- Visualize SharePoint data on your map
  - Convert any Location
- Add layers for context
  - Living Atlas, Demographics, Organizational GIS data
- Light weight analysis
  - Detect Patterns & Trends in your data
- Tag & Find documents easily
  - Drag & drop documents on a map to *geotag* them.
    - When you need that data, click on the map feature to view tagged data
- Build intra/internet sites across organization
  - View Interactive Maps
- Publish layers to ArcGIS to be used in other applications
  - Support for creating new feature layers, updating a shared layer and updating a layer based on changes to the SharePoint data





ArcGIS for SharePoint

Map and search Microsoft SharePoint content

ArcGIS for SharePoint is an app that allows you to map and search content in Microsoft SharePoint. Visualize data on ArcGIS maps. Use ArcGIS tools to manage and analyze for deeper understanding and better decision-making. Enhance your data and maps with ready-to-use geographic content from ArcGIS. Then, share the maps you create.

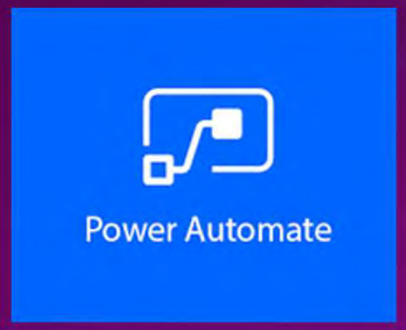
Turn on the power of maps

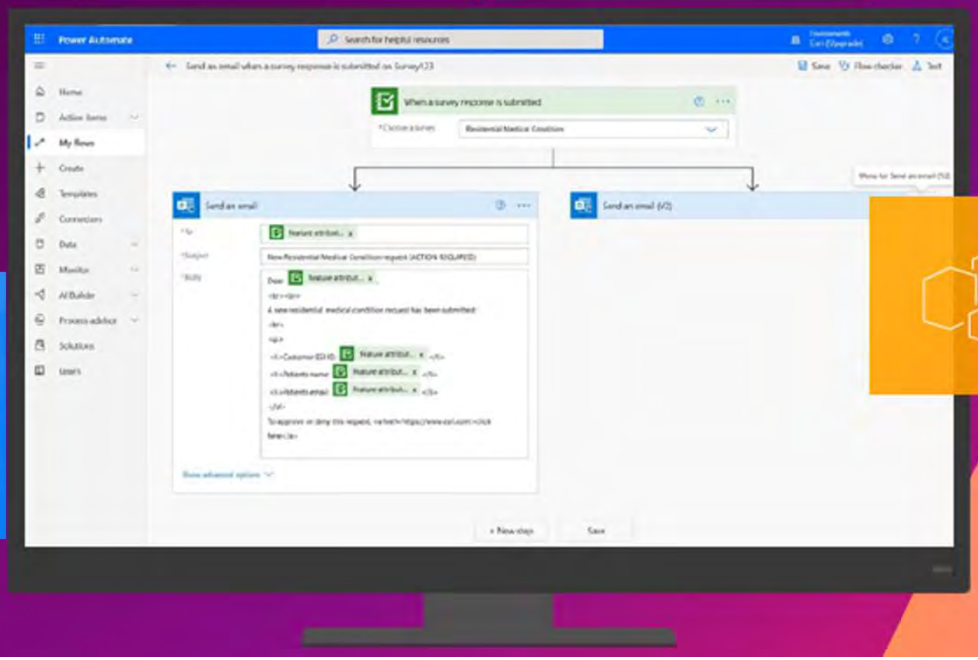
Allow SharePoint users across your organization to use, search, and share data-driven maps and geotagged documents in a familiar SharePoint framework.

Tag and find documents easily

Help your team find important documents fast. Drag and drop documents on a map to geotag them. When you need that data, click on the map feature to view tagged data.

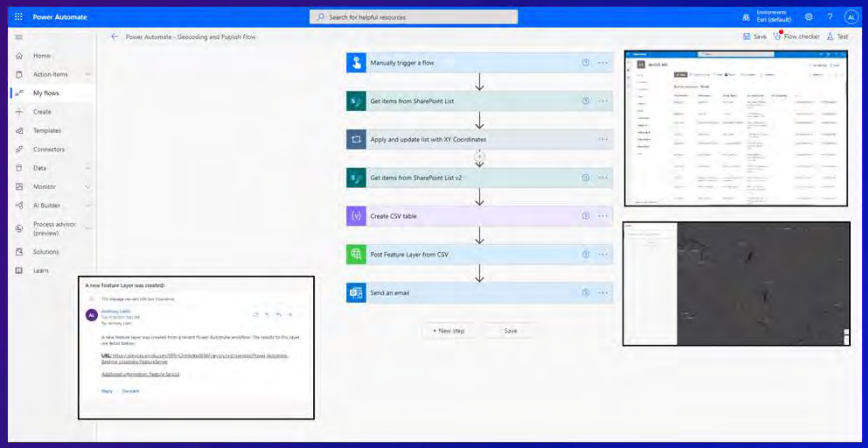
ArcGIS and Power Automate





Power Automate Actions

- ArcGIS Actions
  - Single/Multiline address matching
  - Boundary Matching
  - Routing and Directions
  - Demographic Enrichment
  - Add data to/from ArcGIS
- Ready to use “recipes” to get you started quickly
- Use to preprocess
  - Geo-enablement of data
  - Enrich data with demographics
  - Move data to/from ArcGIS



Licensing

ArcGIS for Office/SharePoint: Licensing

ArcGIS Maps
for Power BI

ArcGIS
Maps for Office

Capability	Creator
Basemaps	Organization
Map X,Y	x
Map Address	x
Map Boundary	x
Private ArcGIS Layers	x
Public Content	x
- Living Atlas	x
Premium Content	x
Infographics	x
Buffer & Drive Times	x
Share Map	x

ArcGIS Maps for SharePoint

ArcGIS Maps for Teams

Road Ahead

Road Map

- **Current Development**
  - Consistent mapping user experience for Office 365, SharePoint & Power BI
  - Performance Enhancements
  - Power Automate Expansion

2021 & Beyond

- Microsoft 365 Certification for Government Cloud Community (GCC)
- Location Services via API Keys
- Introduce Web version of Excel & PowerPoint
- Full 3D Support across all products
- Add Power Apps Map Component

Esri & Microsoft Wrap Up

- ArcGIS For Office – free app, supported Add-in
- ArcGIS for Teams – free app installed via Teams
- ArcGIS for Power BI - comes with app out-of-the box
- ArcGIS for SharePoint - free app, supported Add-in

Thank you!

Jon Doherty
State Government Account Manager
Esri | San Antonio Regional Office
210-499-1044 ext. 8829
jpdoherty@esri.com