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How To Configure & Use Insights for ArcGIS

ARAVIND SIVASAILAM

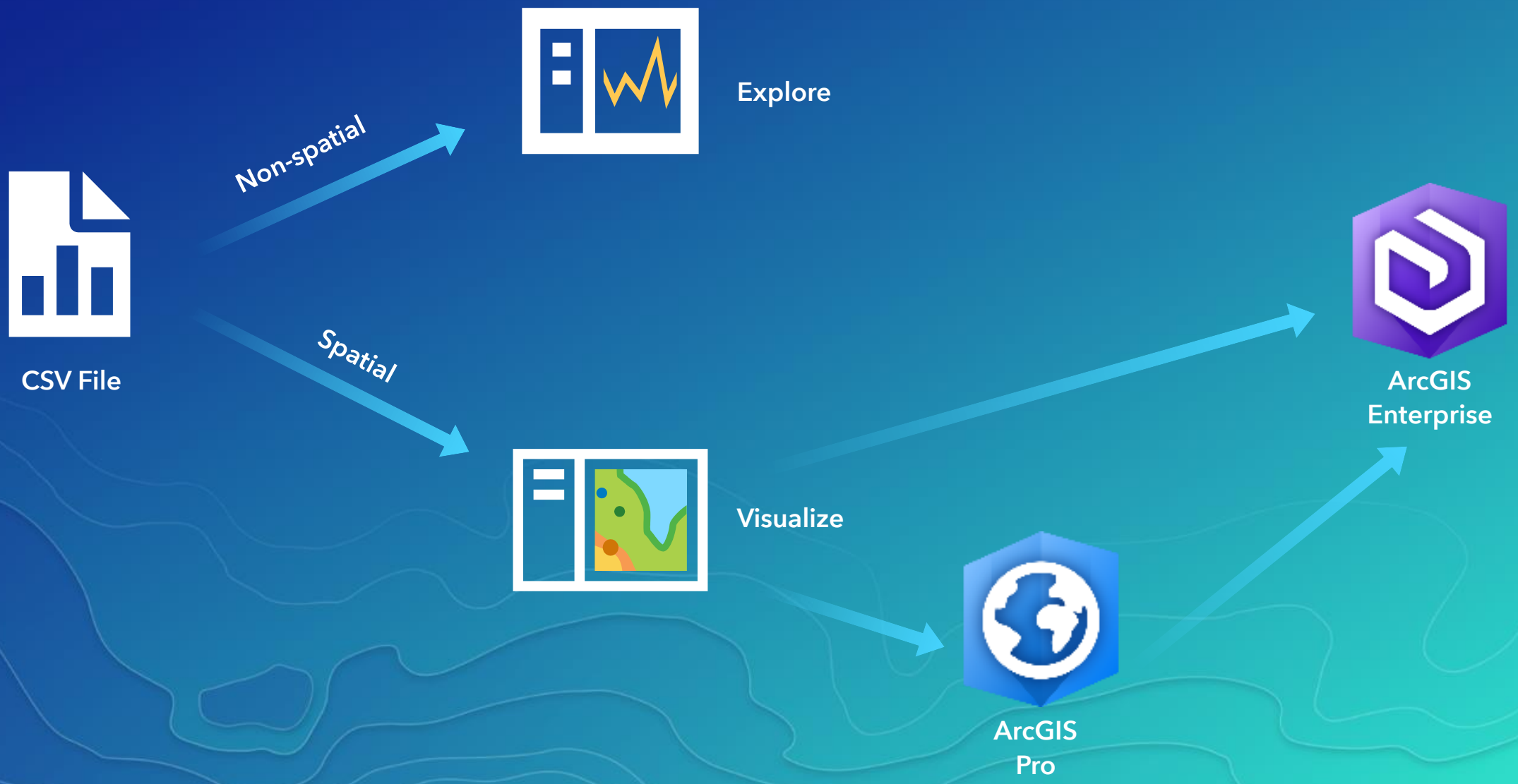
MATT THOMAS

Who is this for?

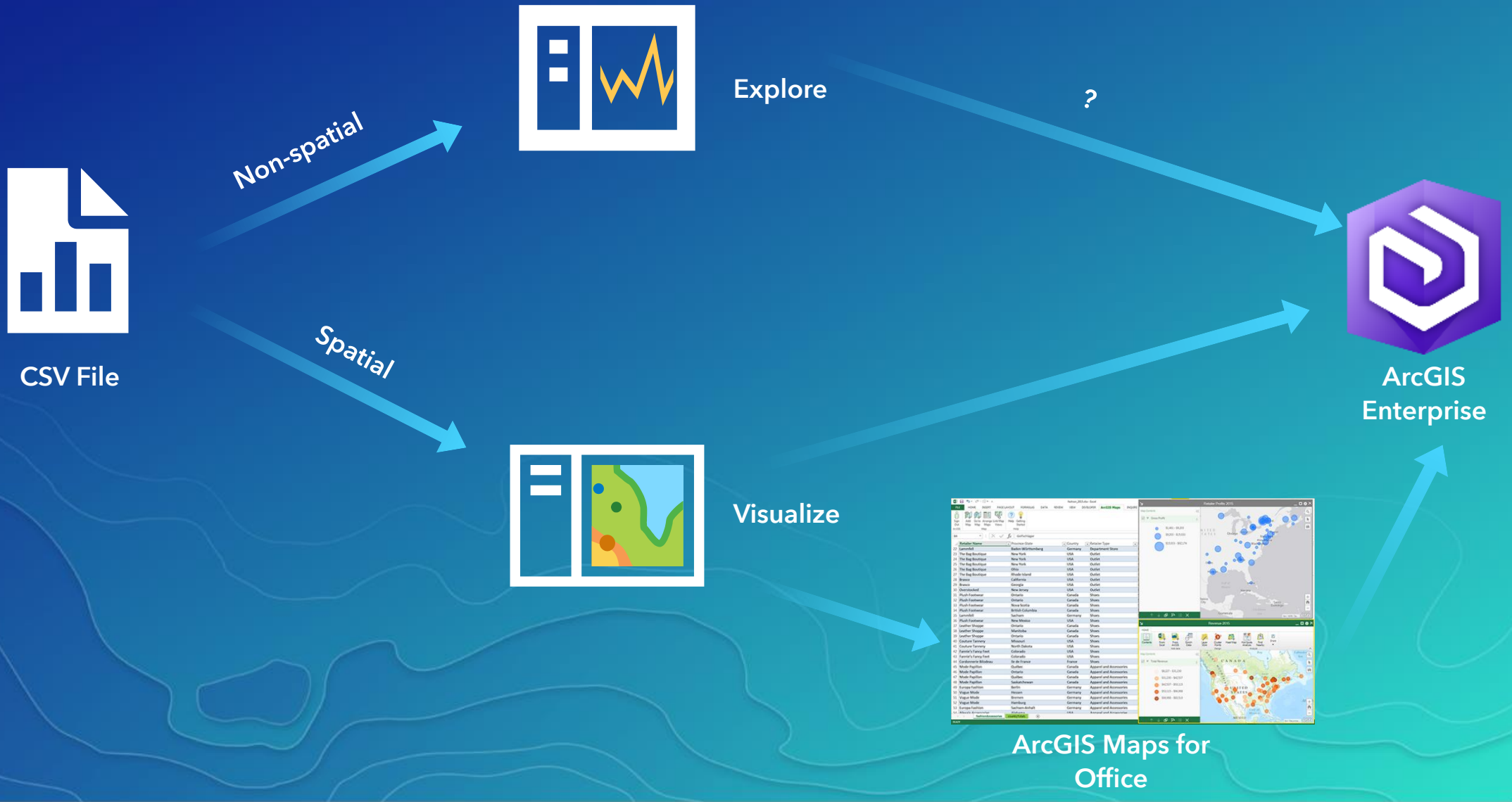
- ArcGIS Enterprise Publishers & Administrators
- ArcGIS Enterprise Users
- (Little to No Experience with Insights)

Insights for ArcGIS®

The Conundrum



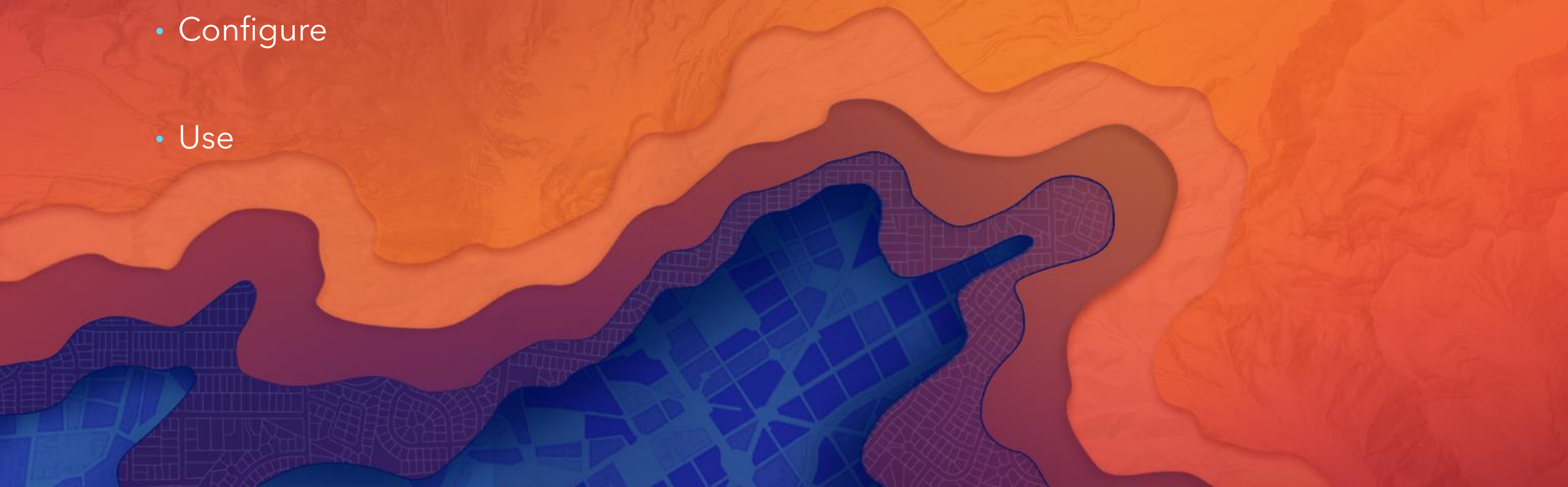
The Conundrum



The Conundrum

Key Takeaways

- Deploy
- Configure
- Use



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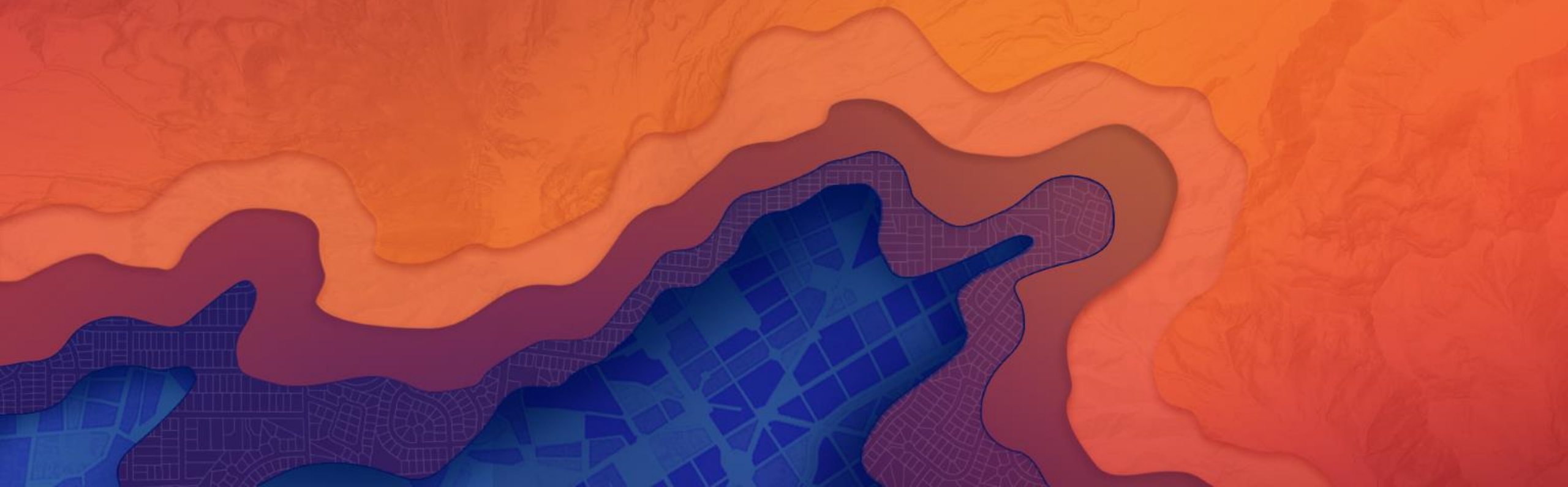
Deploy Insights for ArcGIS

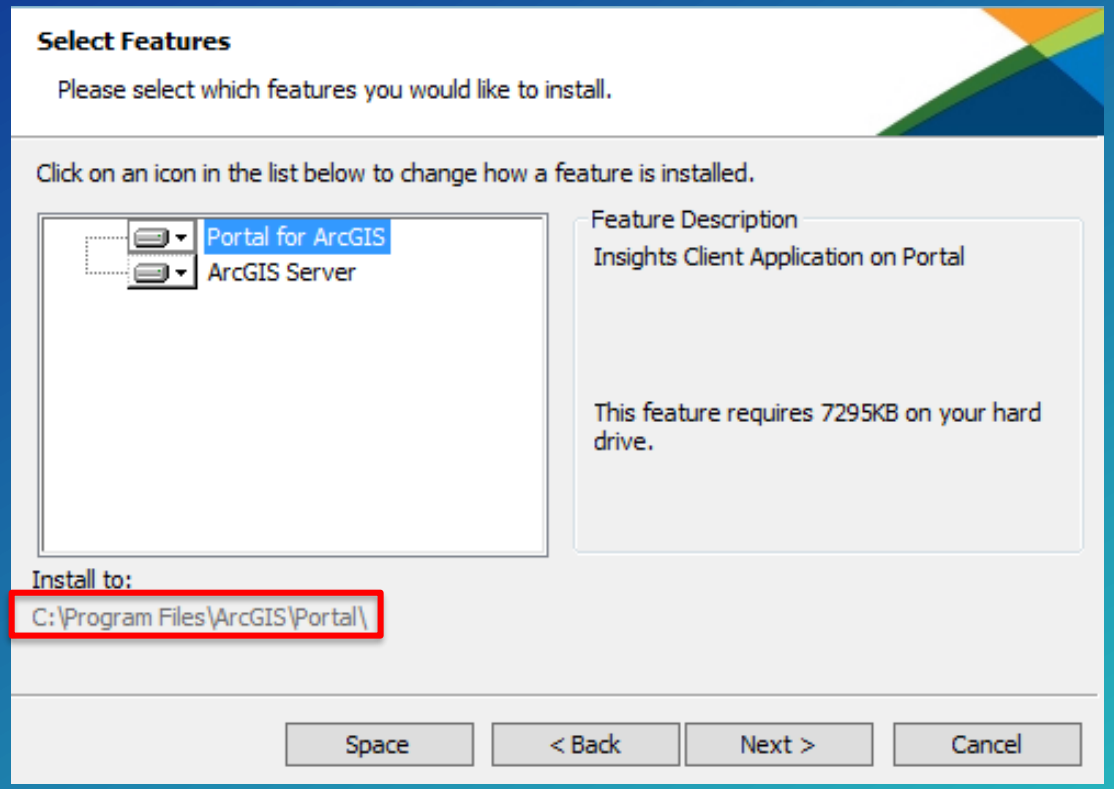
STEPS FOR SUCCESSFUL SETUP OF INSIGHTS



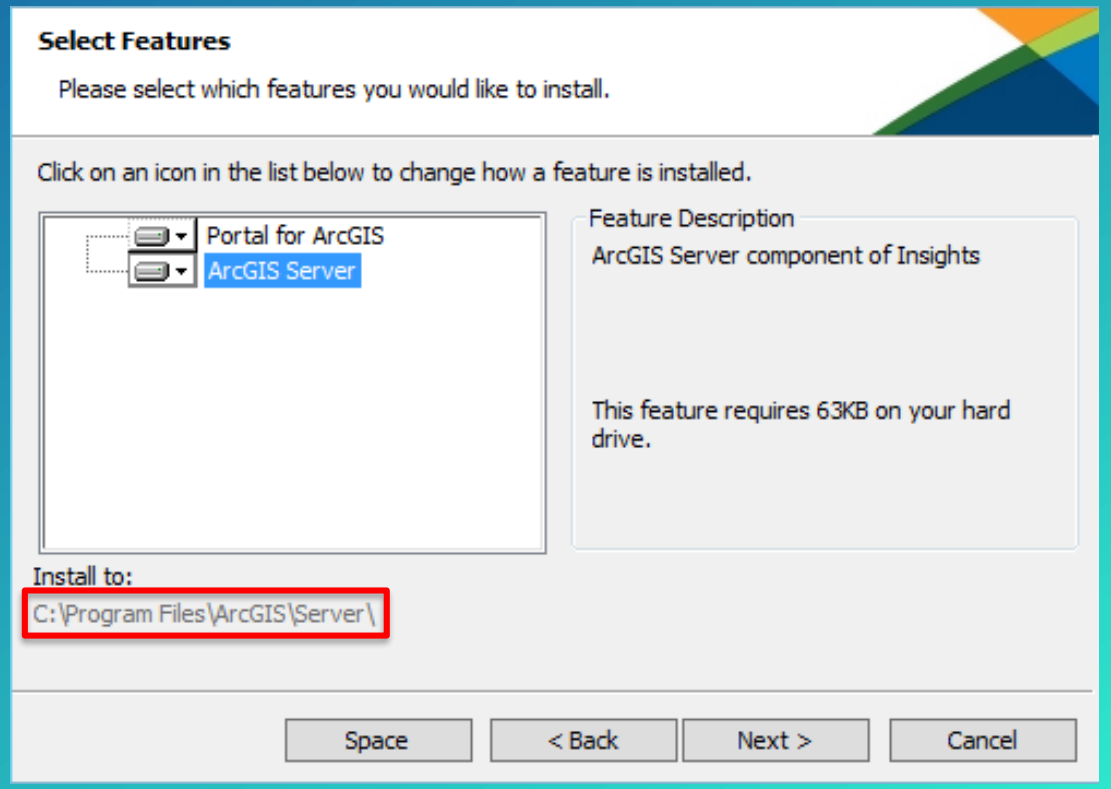
What went wrong?

- A separate installer.
- Insights needs to be installed on

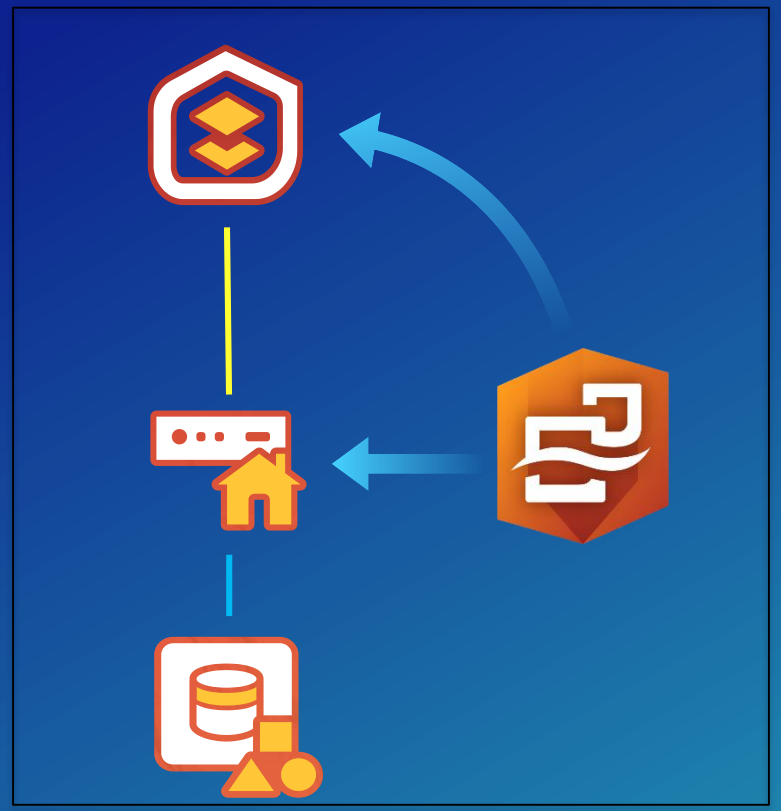
Portal for ArcGIS



ArcGIS for Server

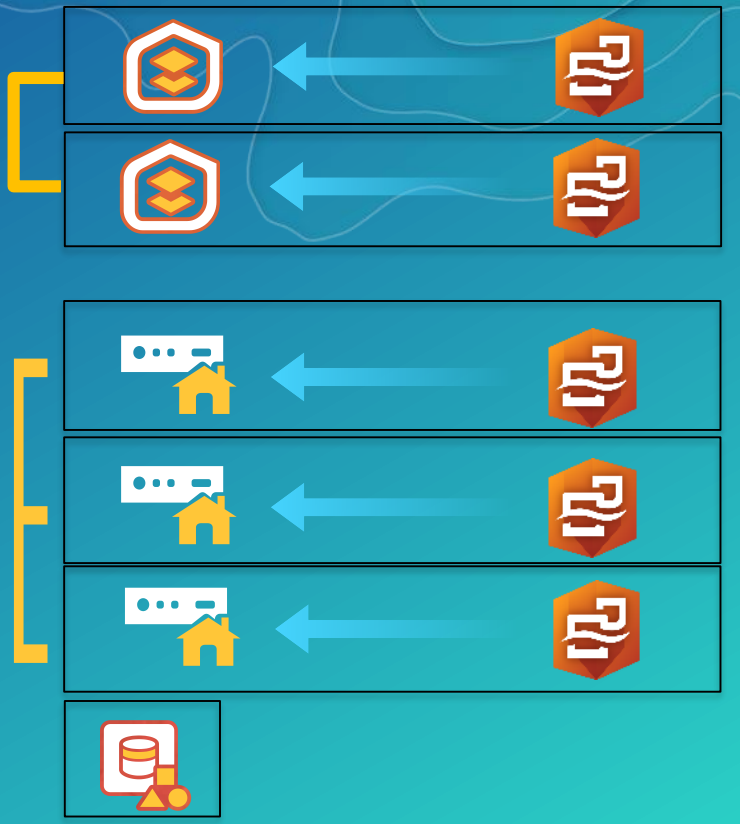


Deployment Scenarios – Install & Upgrade



Single machine deployment

Distributed deployment



High availability deployment

Portal for ArcGIS

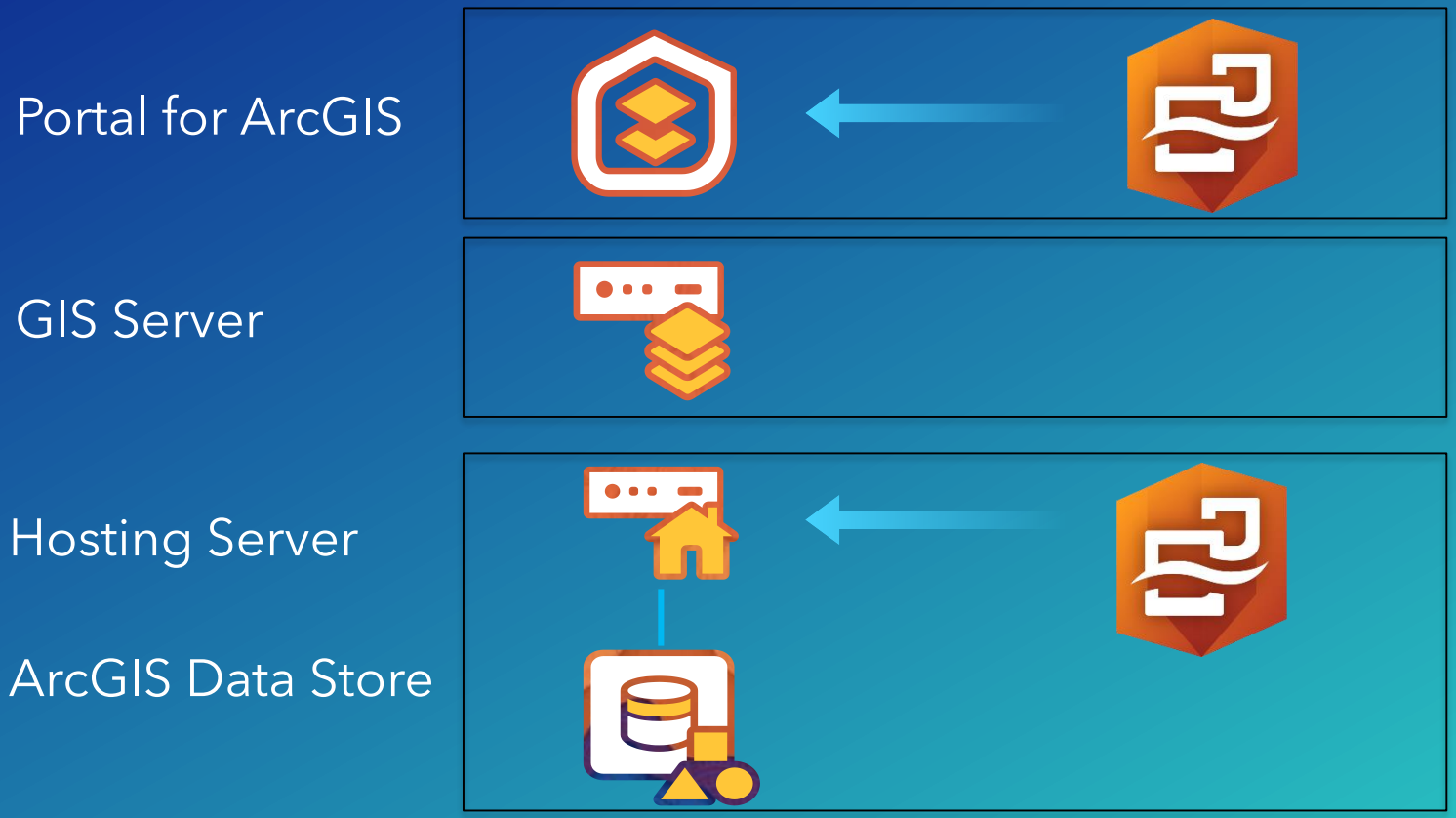
ArcGIS Server

ArcGIS Data Store

Insights for ArcGIS

Deployment Scenarios – Install & Upgrade

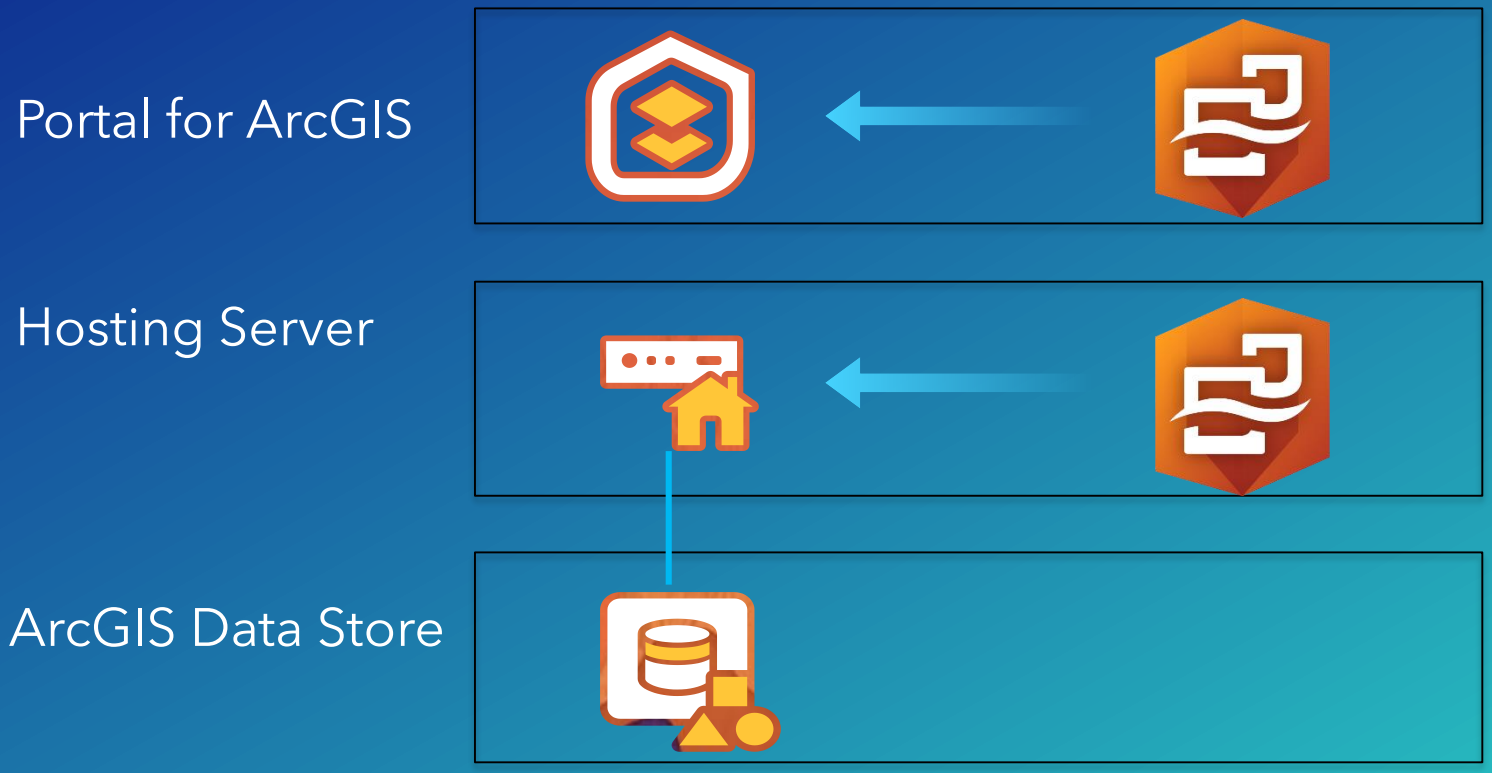
Note: Insights for ArcGIS need only be installed on the Hosting Server



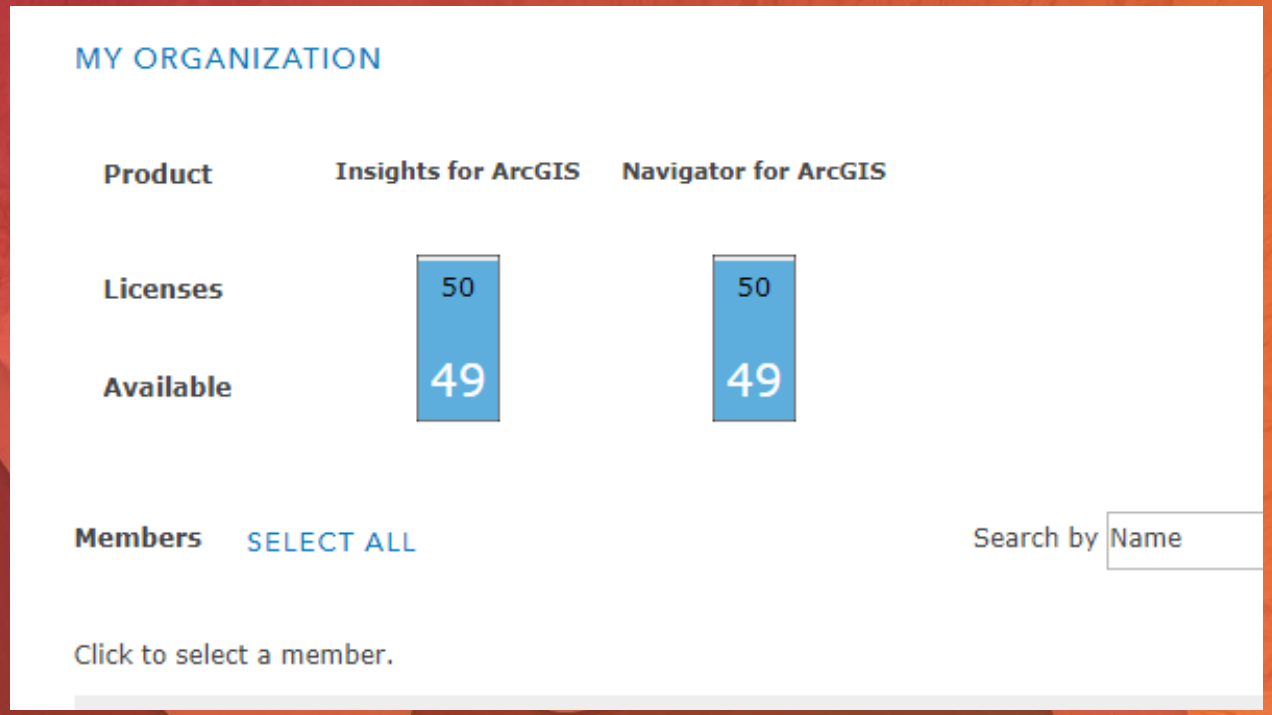
Distributed deployment

Deployment Scenarios – Install & Upgrade

Note: Insights for ArcGIS need not be installed on the ArcGIS Data Store machine



Distributed deployment



License Insights for ArcGIS

Demonstration

License your Insights

Provide the right privileges

Create, analyze & share

Level 2
Administrator

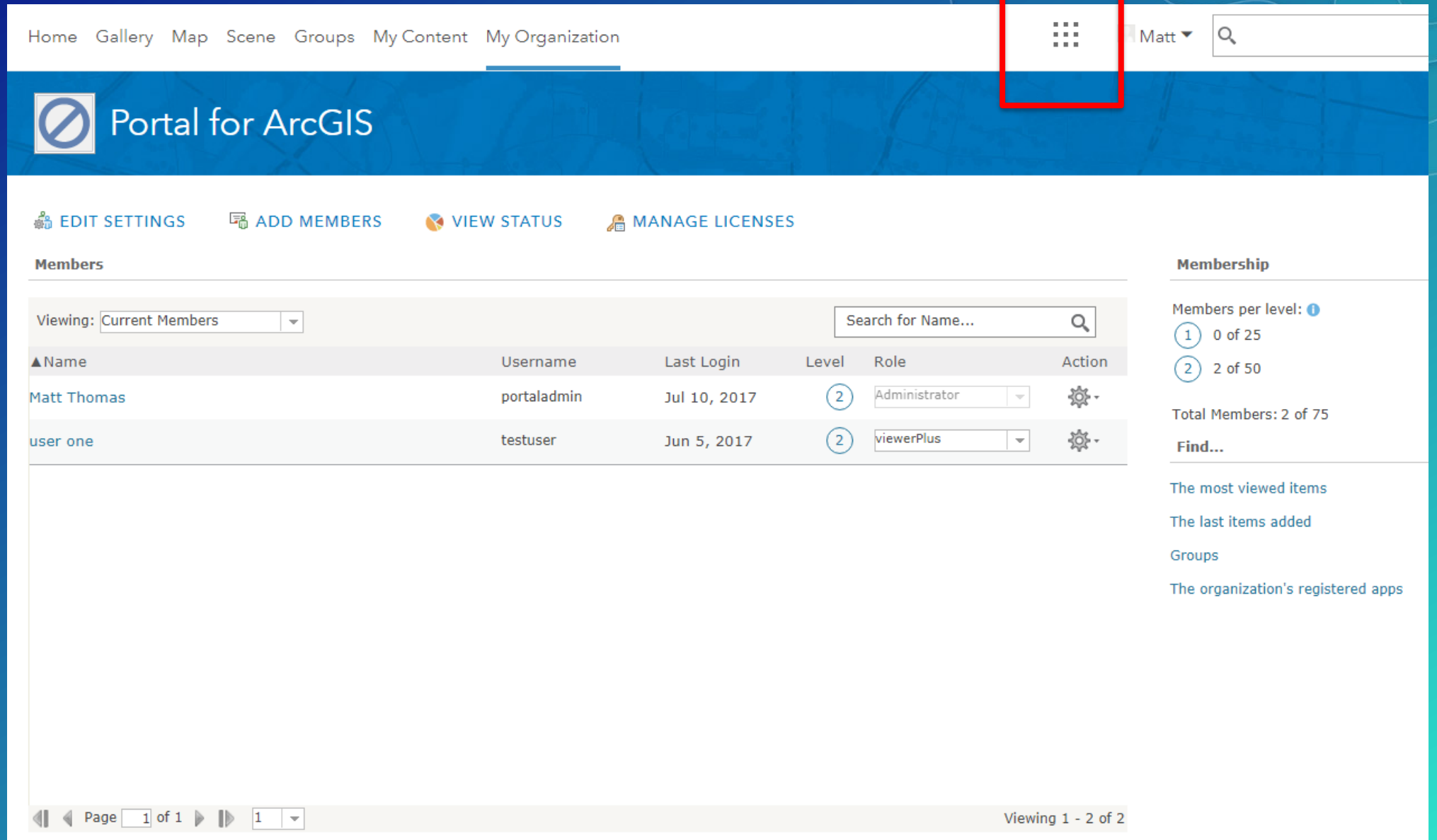
Level 2
Publisher

View
(Does not Need Insights License)

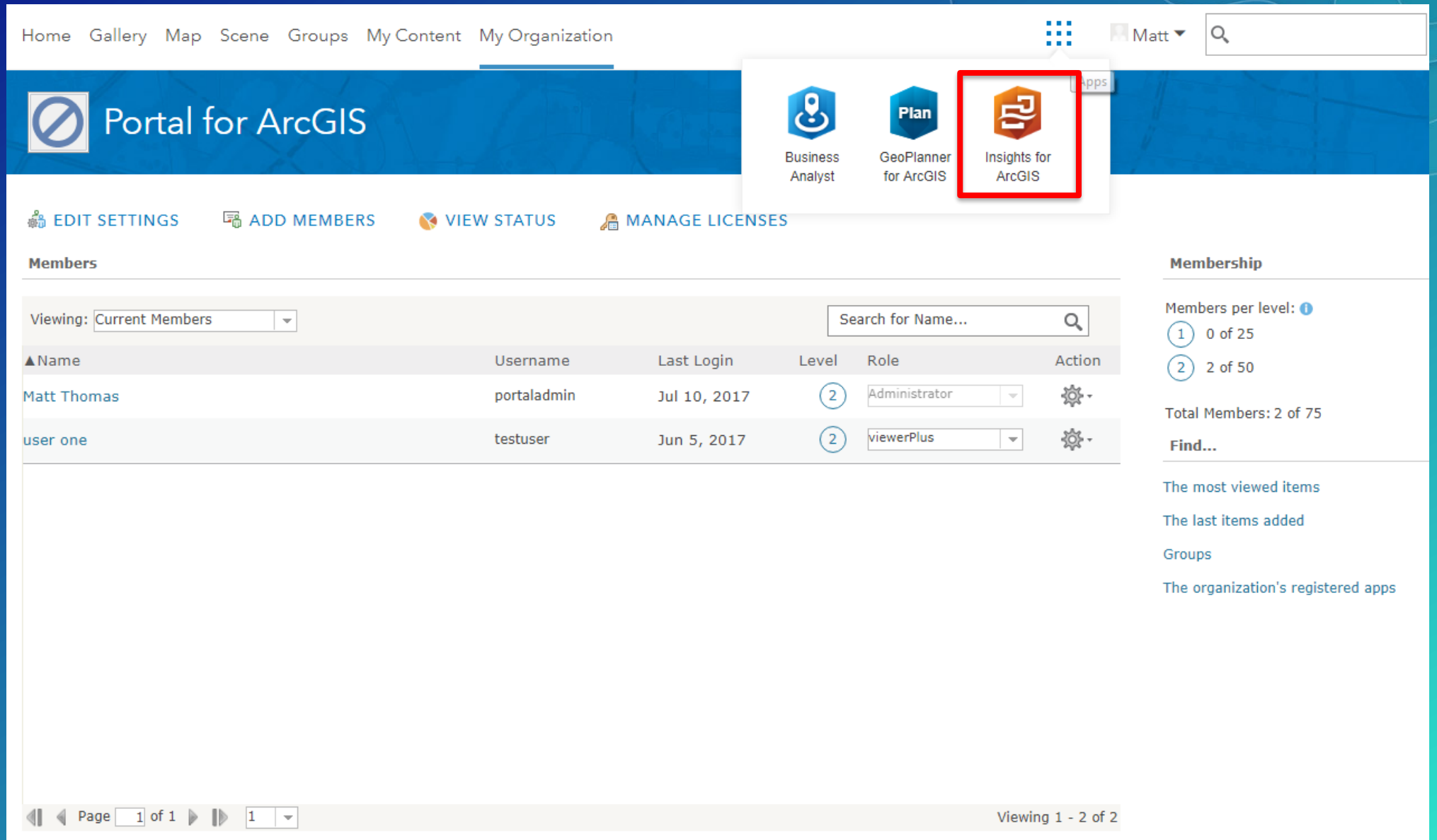
Level 2
User

Level 1
Viewer

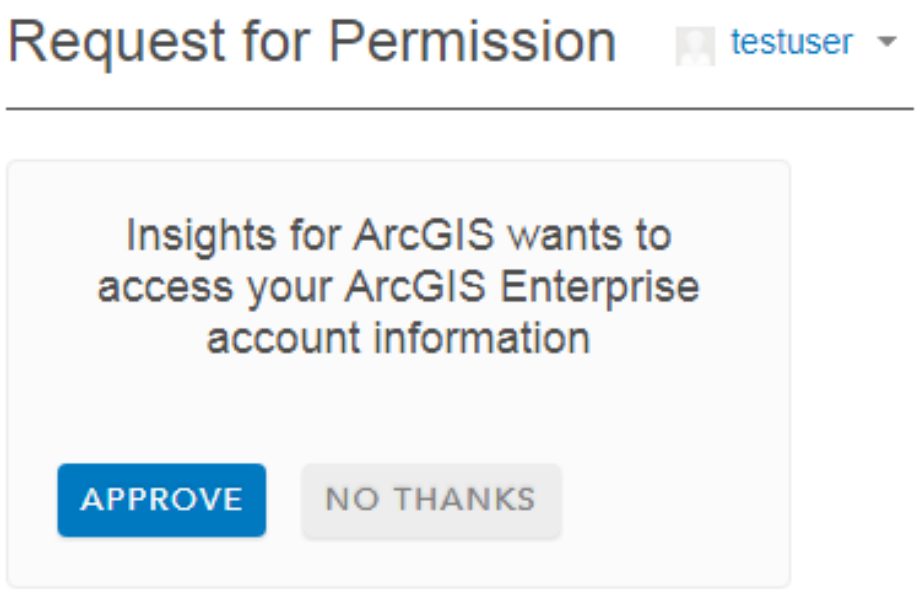
Accessing Insights for ArcGIS



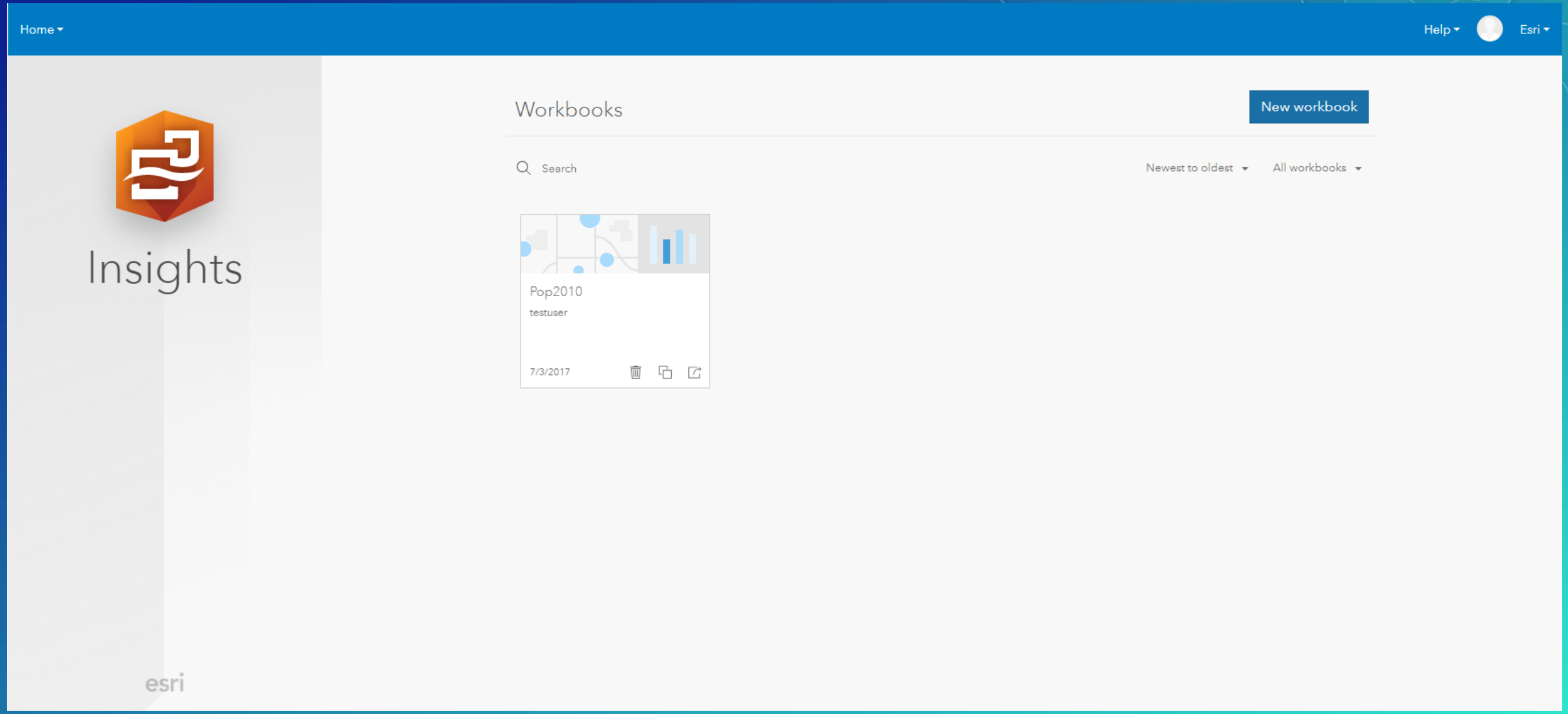
Accessing Insights for ArcGIS

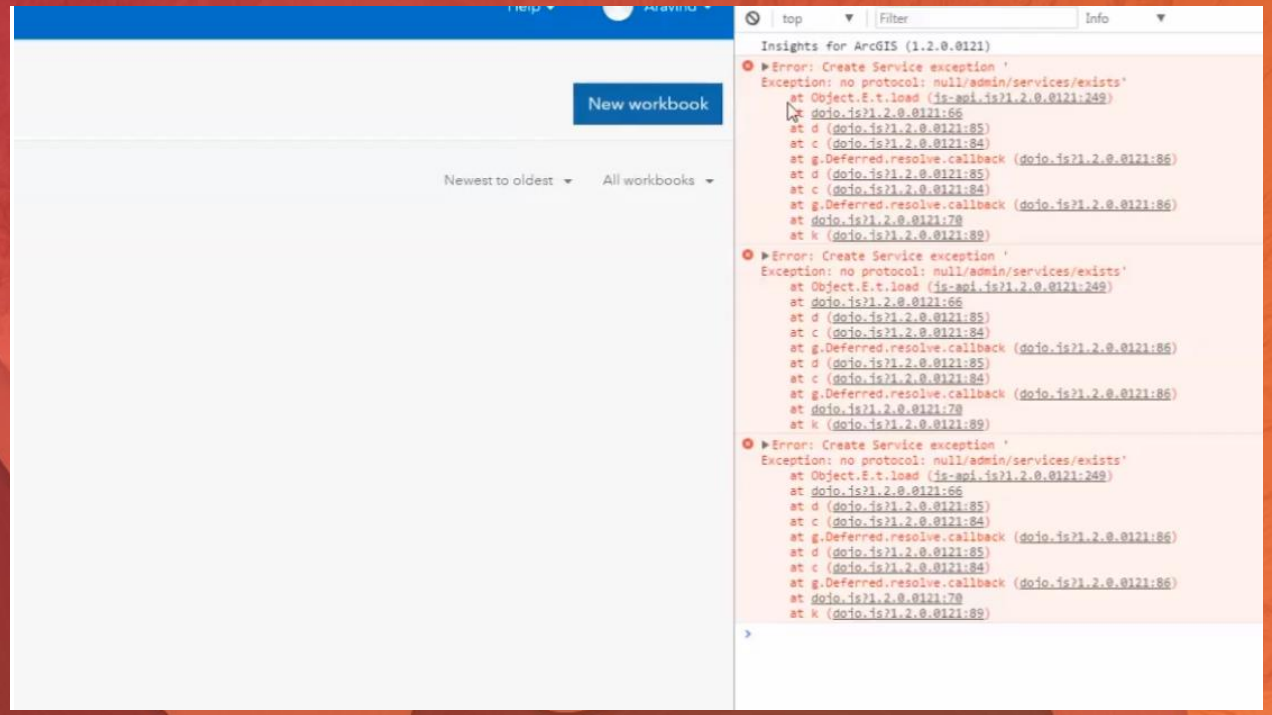


Accessing Insights for ArcGIS



Accessing Insights for ArcGIS



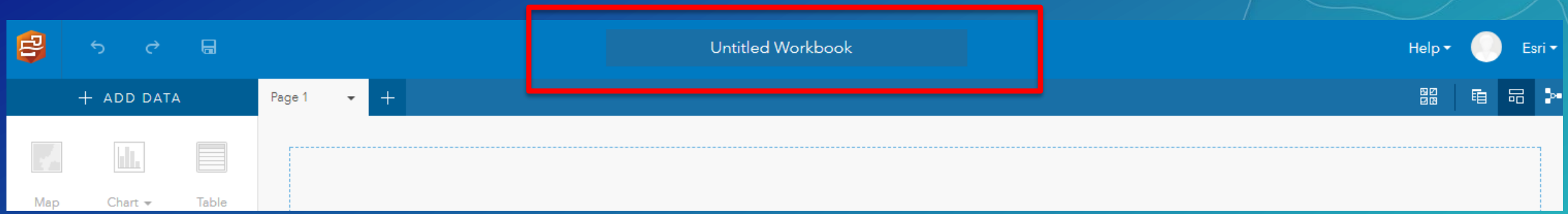


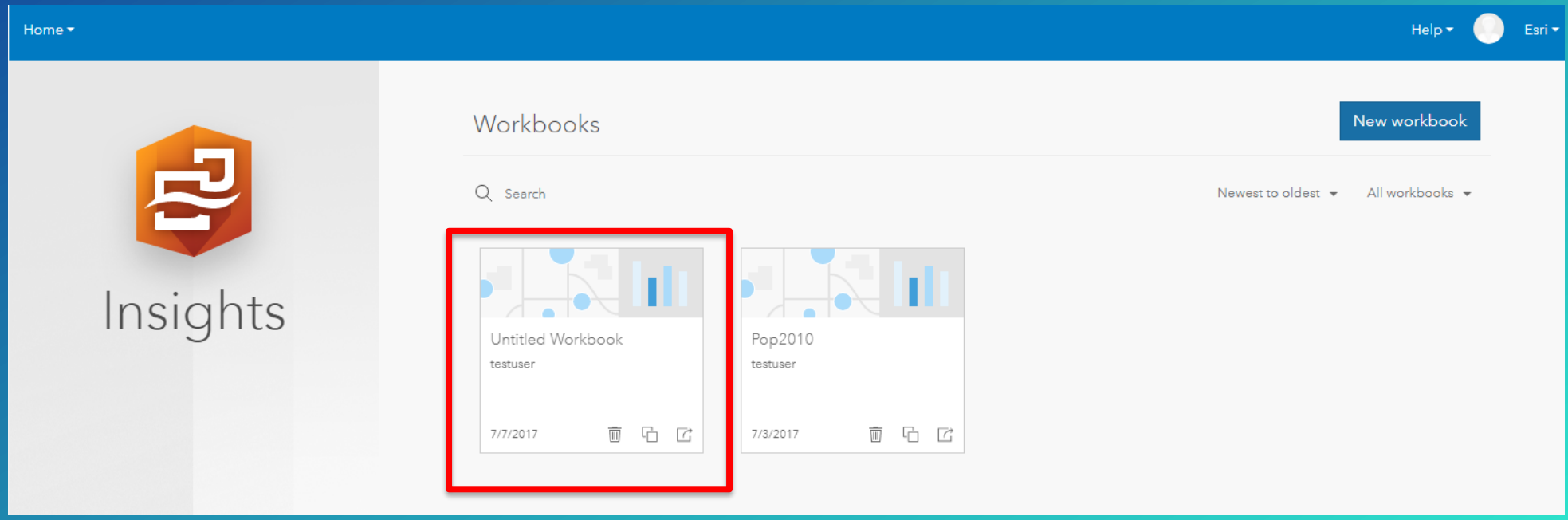
Creating our First Workbook

Demonstration

Troubleshooting

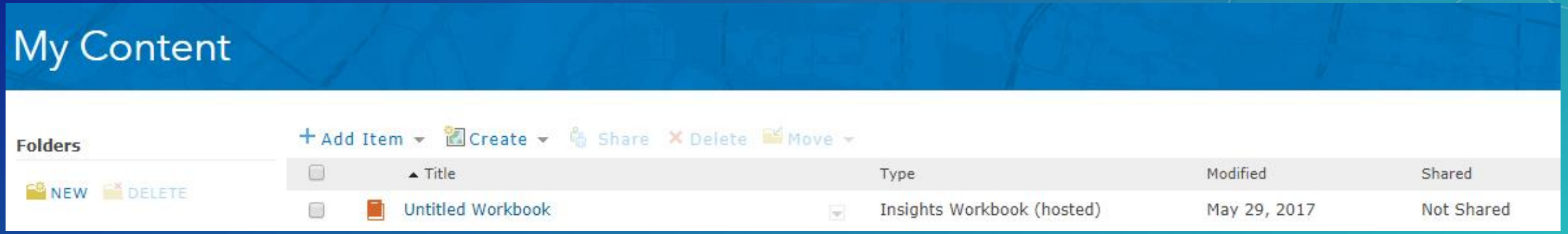
- Consider: What happens when a Workbook is created

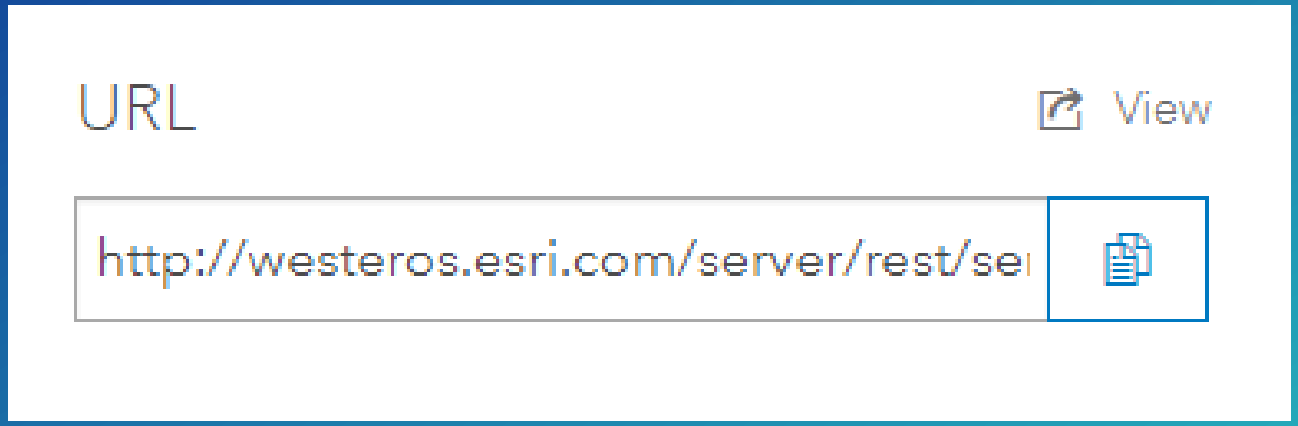




Troubleshooting

- Consider: What happens when a Workbook is created





Troubleshooting

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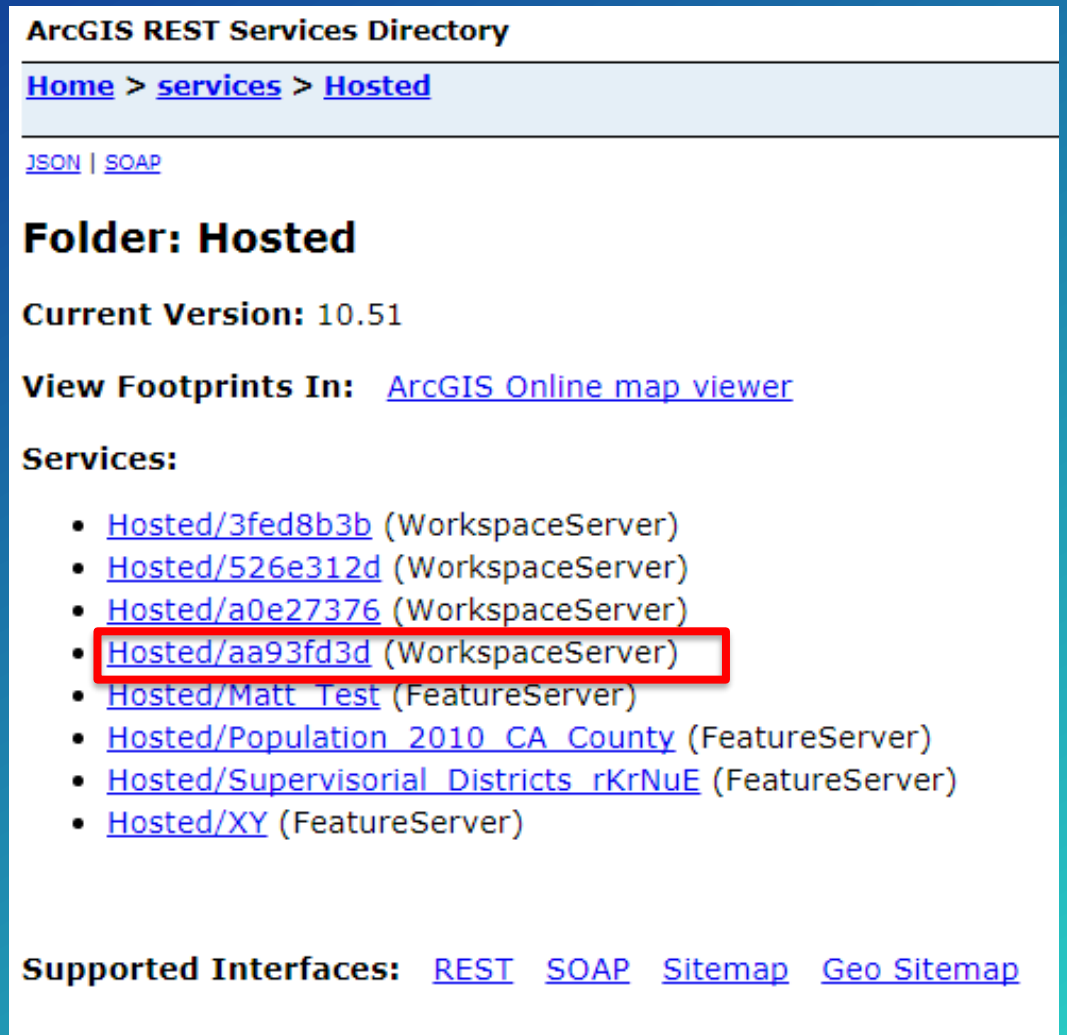
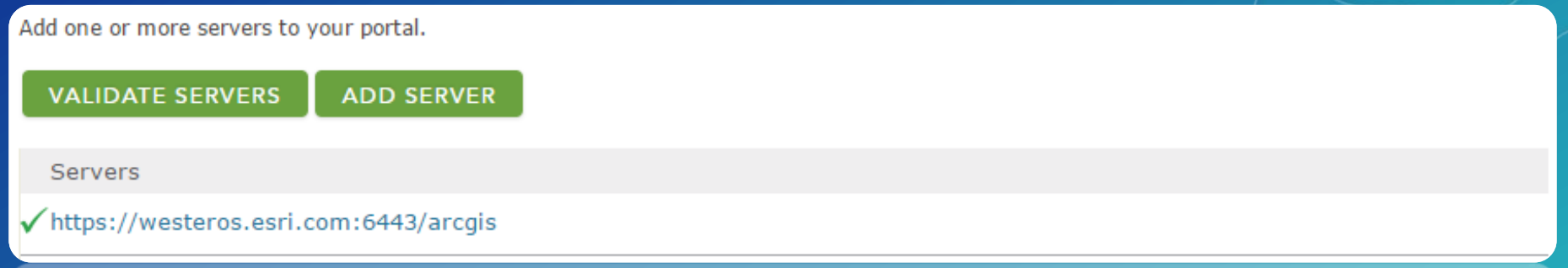
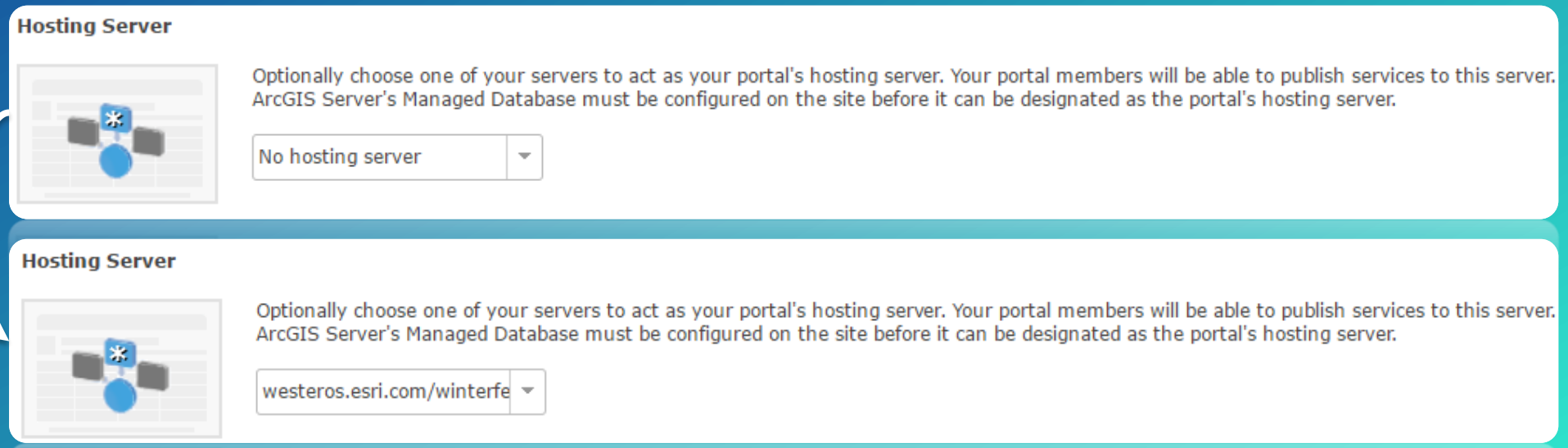


Troubleshooting

- Valid federated ArcGIS for Server

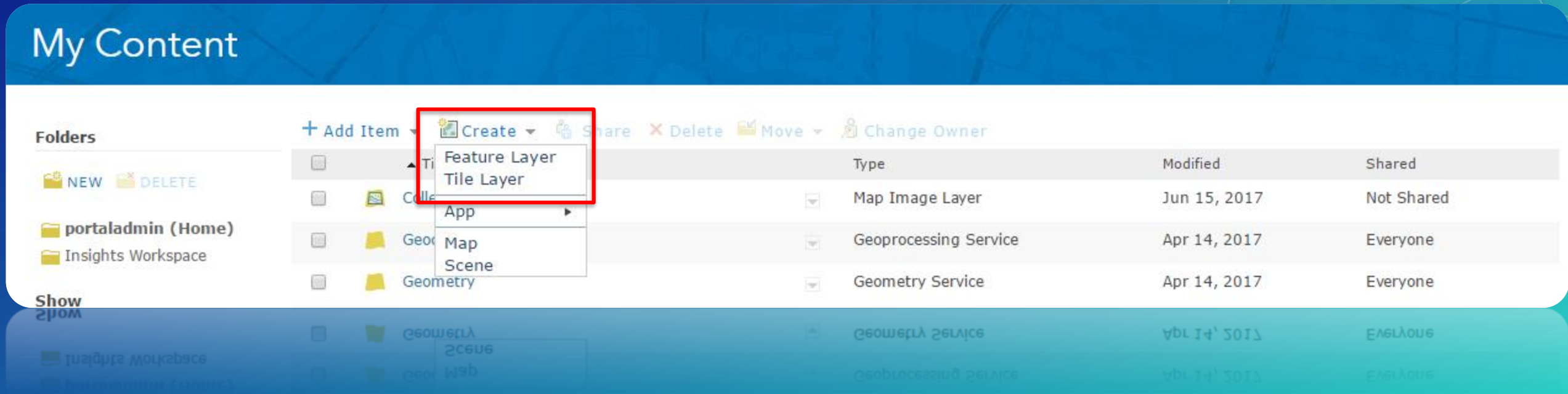


- A designated hosting server



Troubleshooting

- Try to create a feature layer using a template in Portal's My Content page.



- If Feature & Tile Layer options are missing &
- If you are unable to publish hosted feature layers

this is a Base ArcGIS Enterprise deployment issue.

Troubleshooting

- Compatibility with Portal for ArcGIS:

Insights Version	ArcGIS Enterprise 10.5	ArcGIS Enterprise 10.5.1
1.0 – 1.2.1	Yes	No
2.0	No	Yes

Troubleshooting

- Certificates:
  - Use a domain certificate or a CA certificate when possible.
  - Import the certificates into Portal & Server administrator directories and into browsers for trust.
- Call Esri Technical Support

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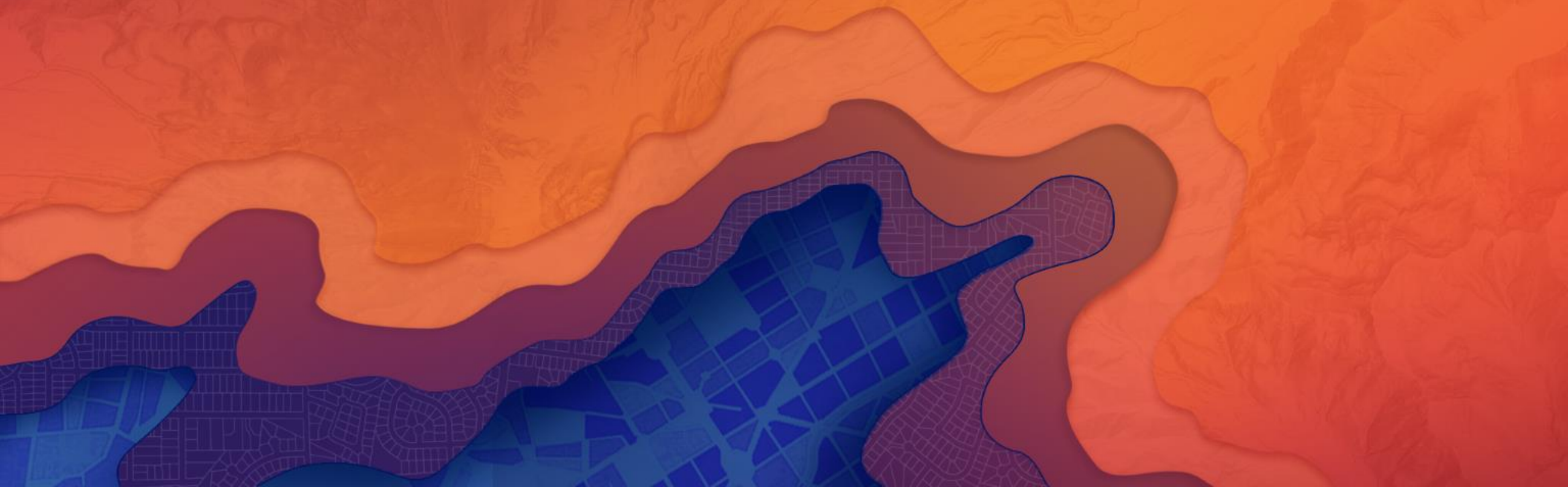
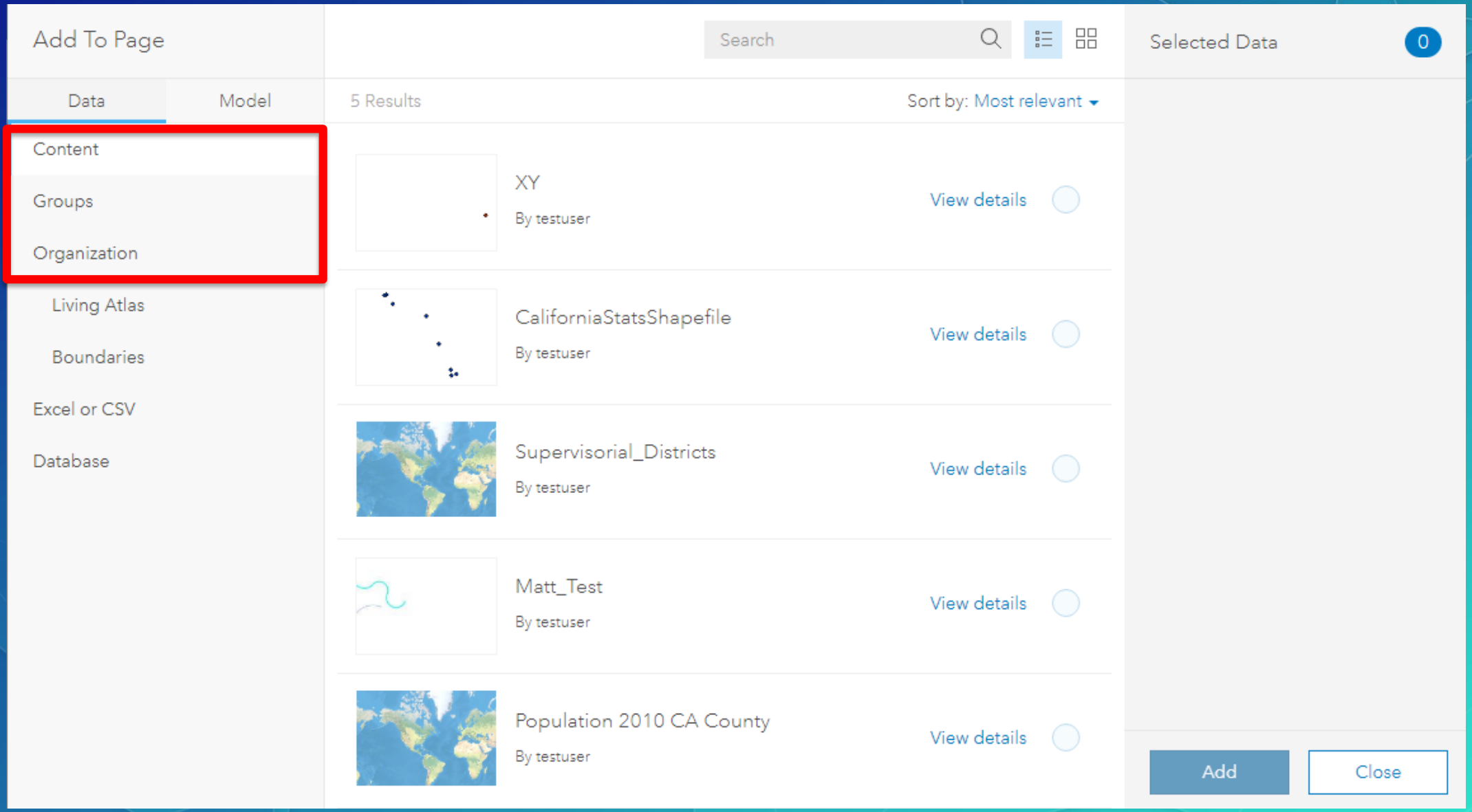
Configure Insights for ArcGIS

STEPS FOR CONFIGURATION OF INSIGHTS

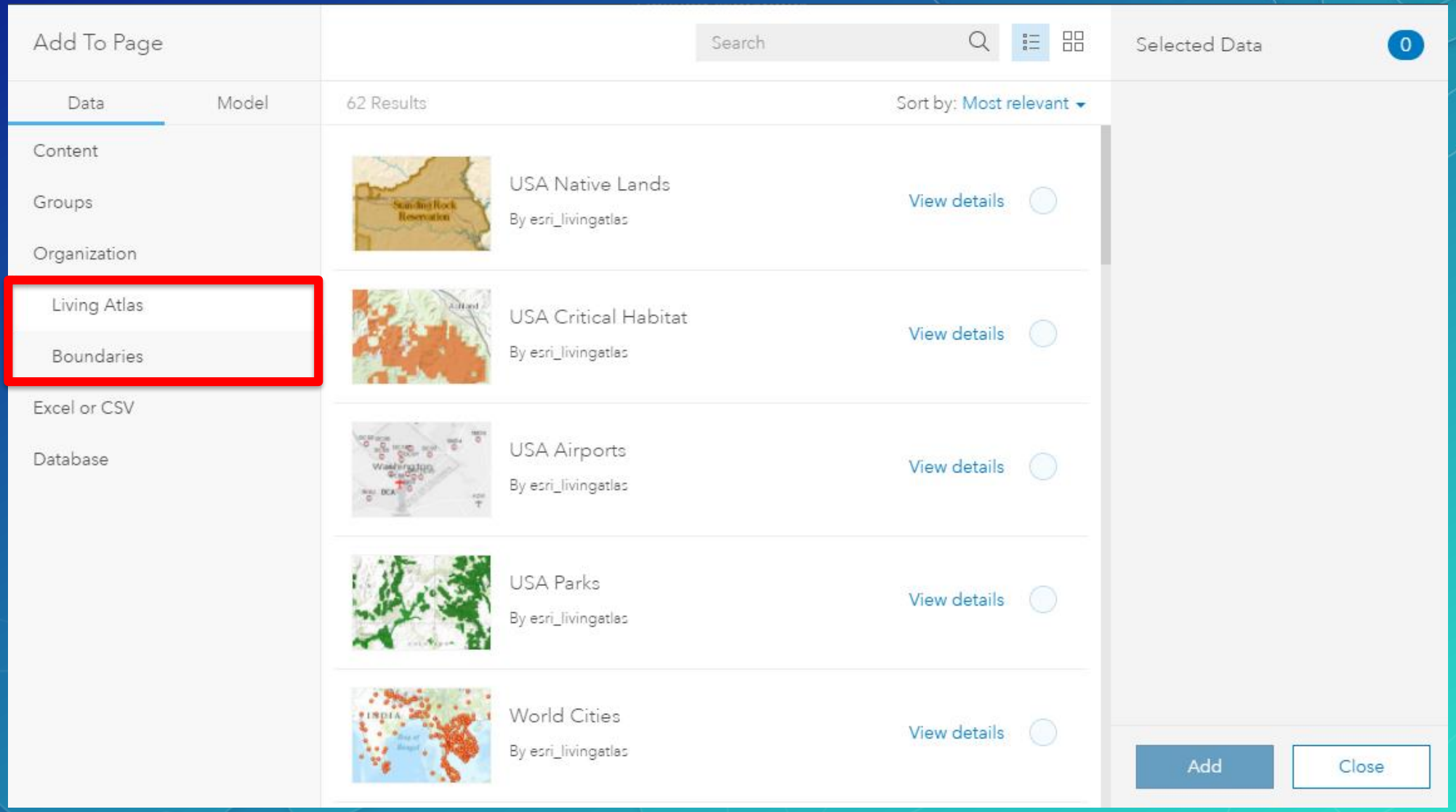


Adding Data into Insights



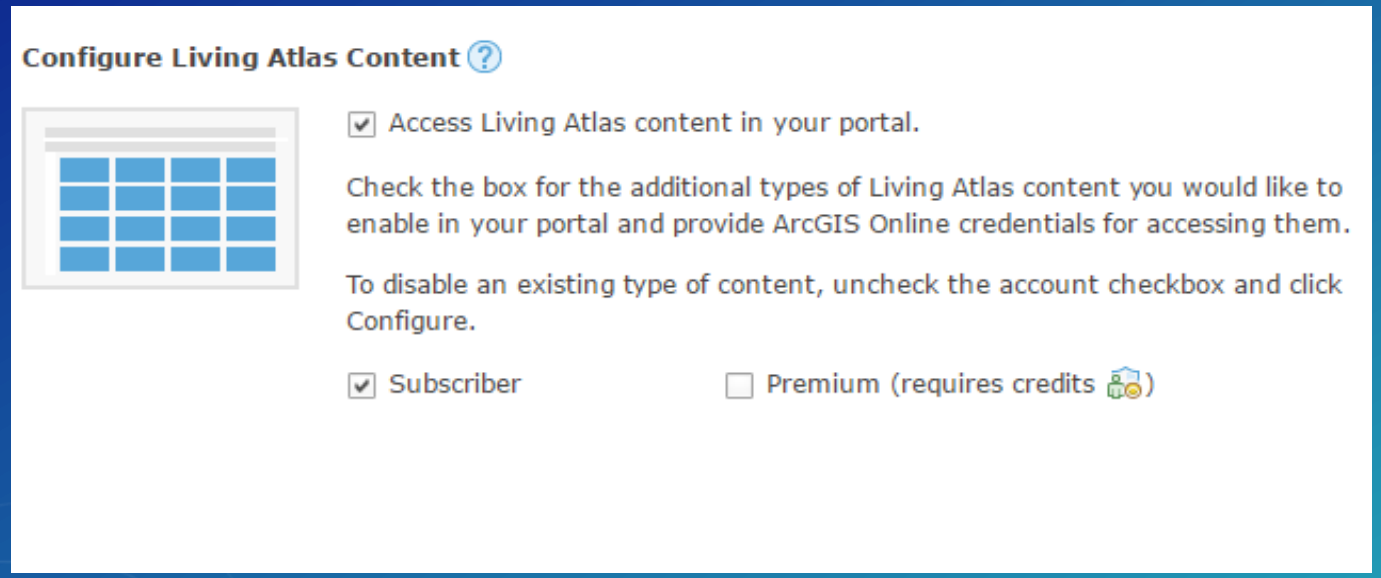
Adding Portal content

Adding Data into Insights



Living Atlas & Boundaries

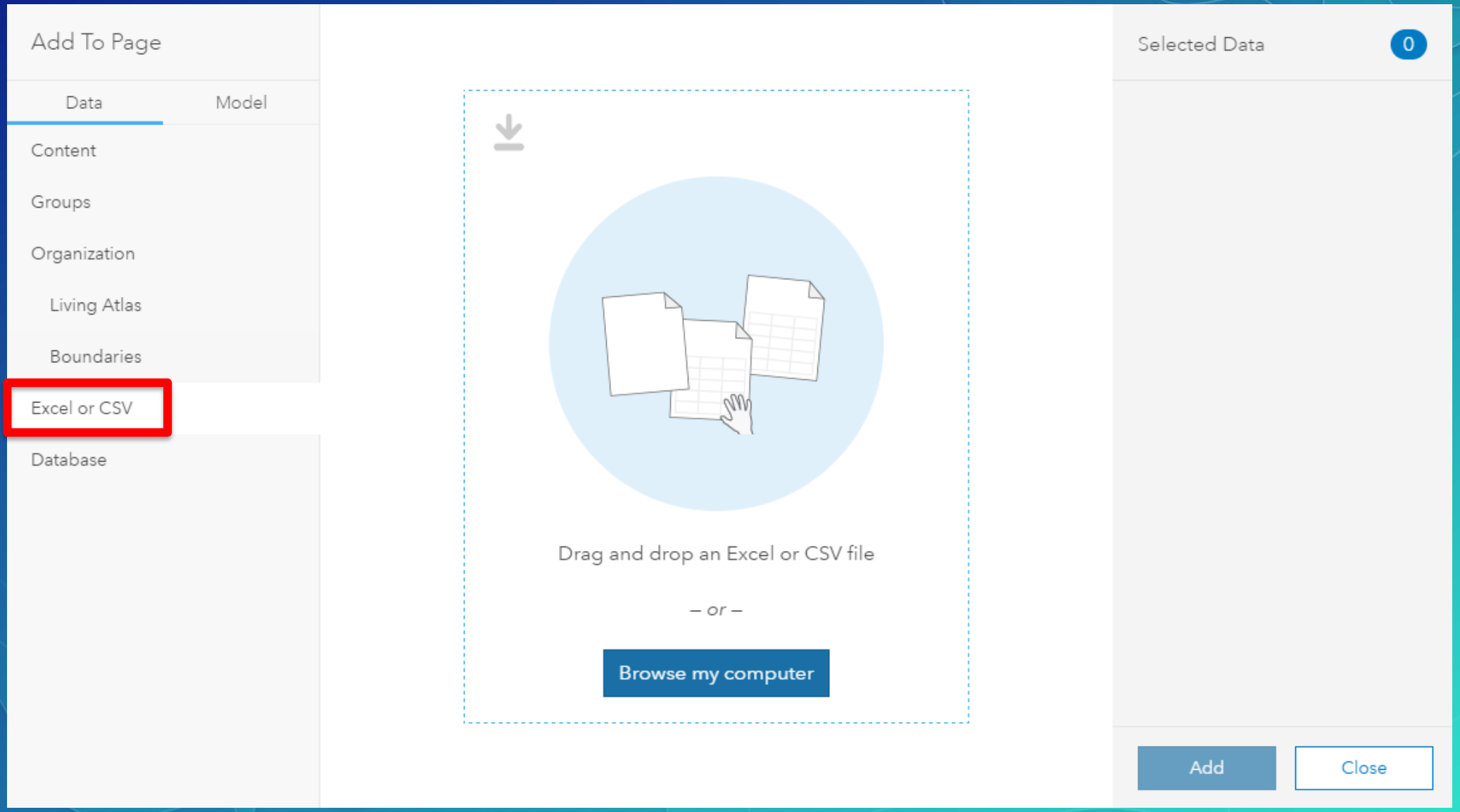
Living Atlas



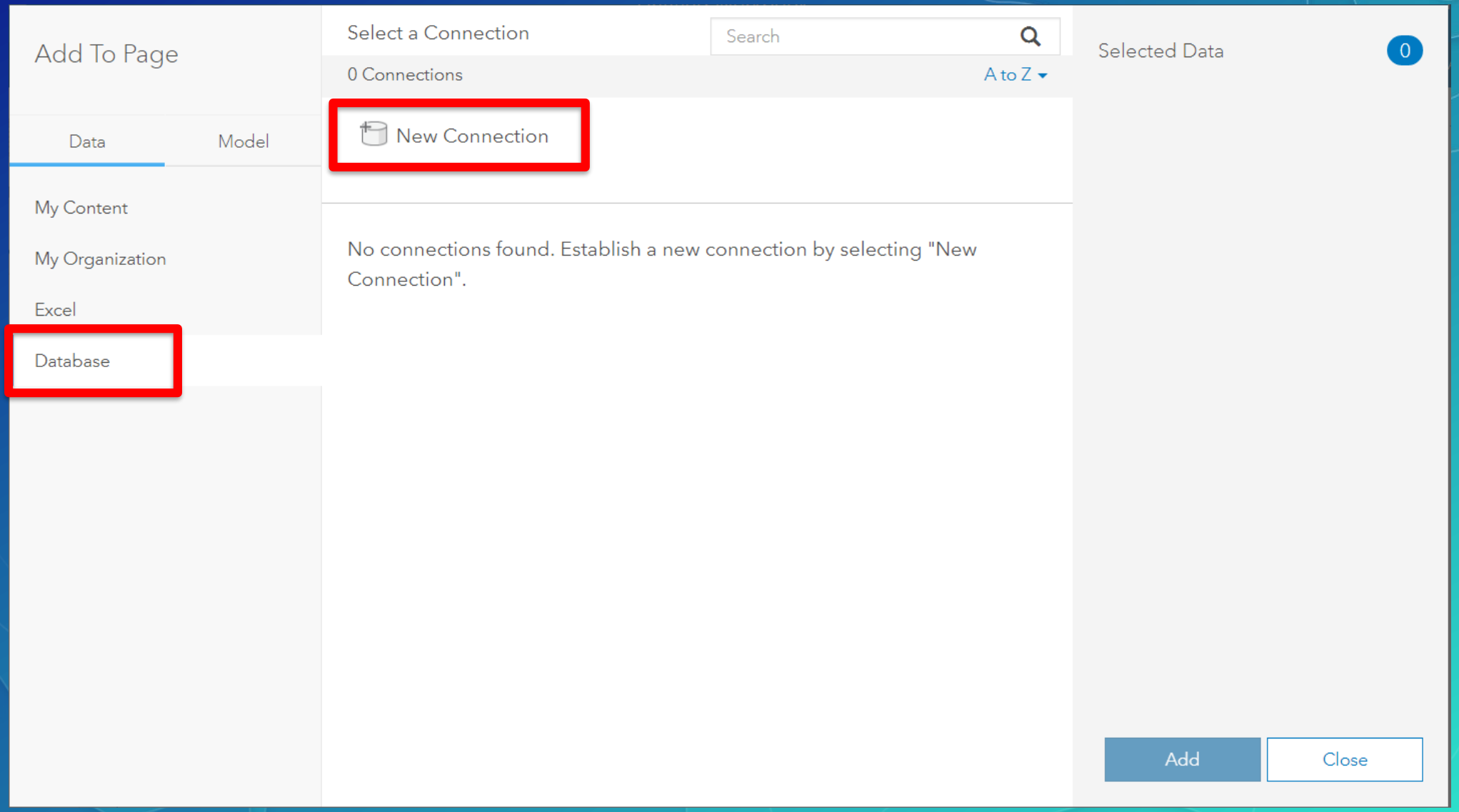
Boundaries

Boundary layers for over 100 additional countries are now available on My Esri.

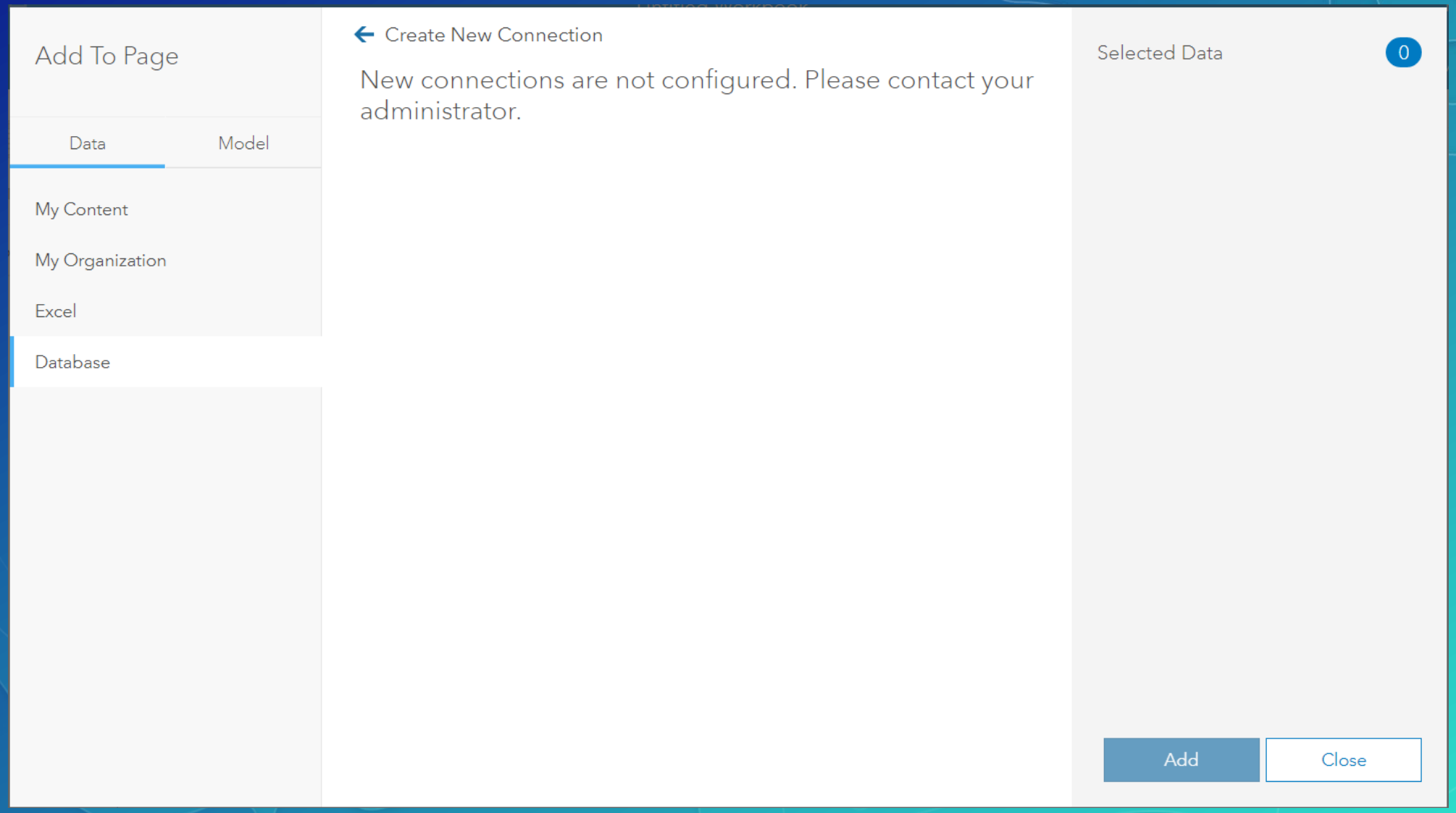
Adding Data into Insights



Adding Data into Insights

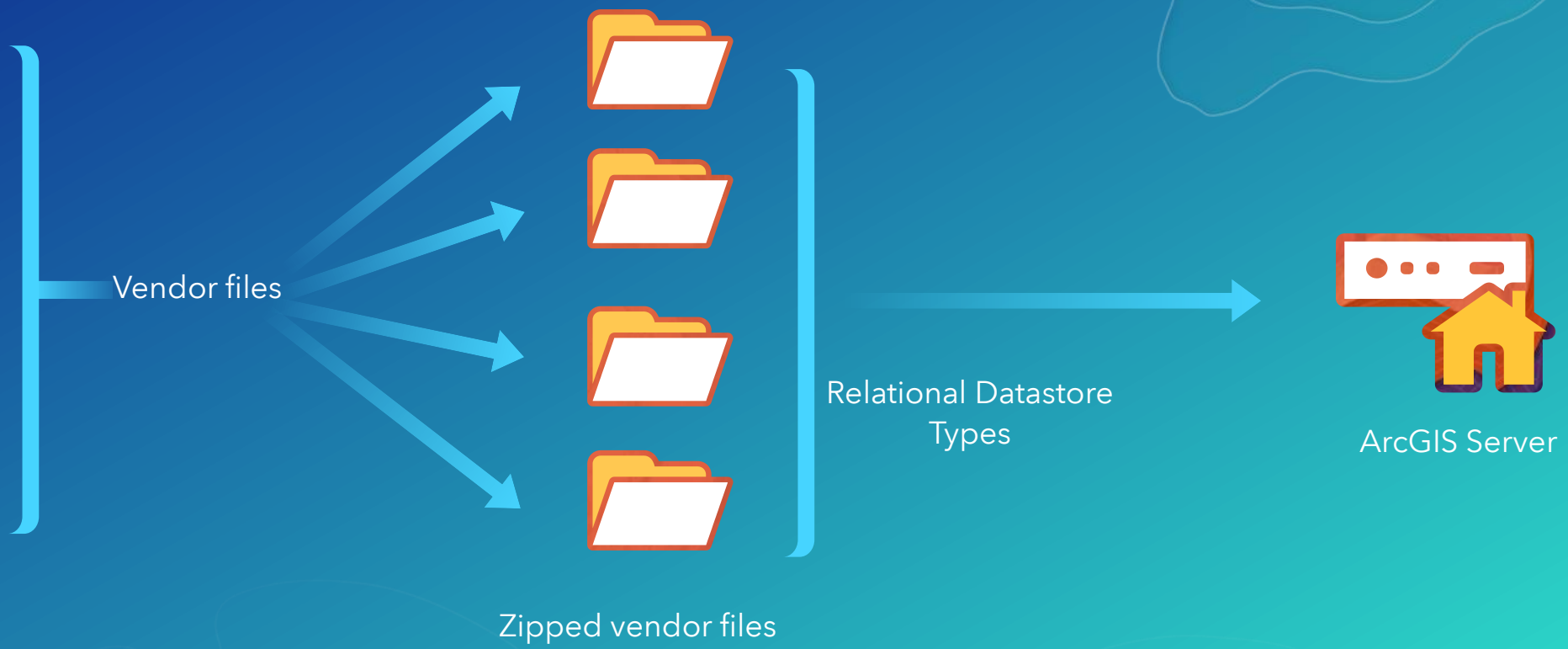


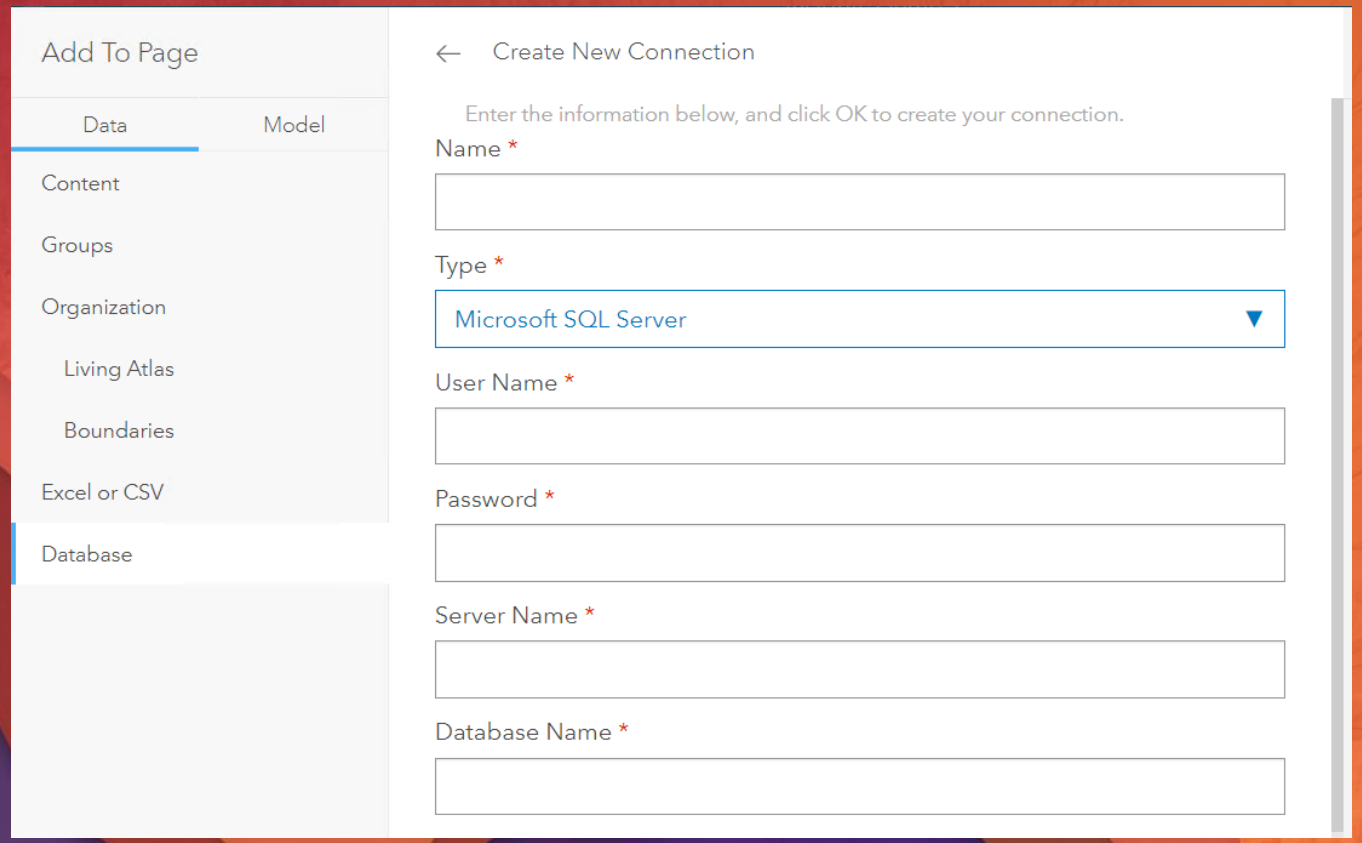
Adding Data into Insights



Adding data from database connections

- **SQL Server**
- **Oracle**
- **SAP HANA**
- **Teradata**

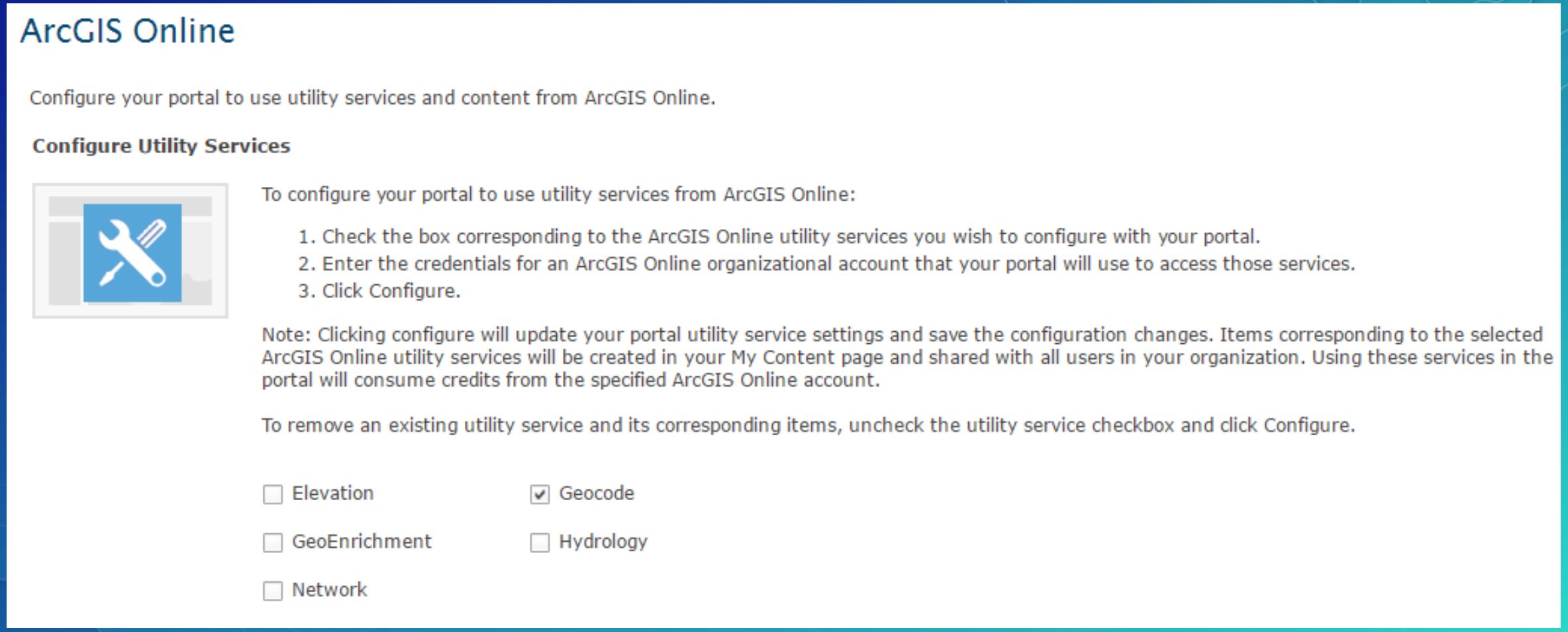




Register Relational Data Store Types

Demonstration

Configure Portal to use Insights



Configure analysis tools and utilities (ArcGIS Online or On-Premise), for use in Insights for ArcGIS

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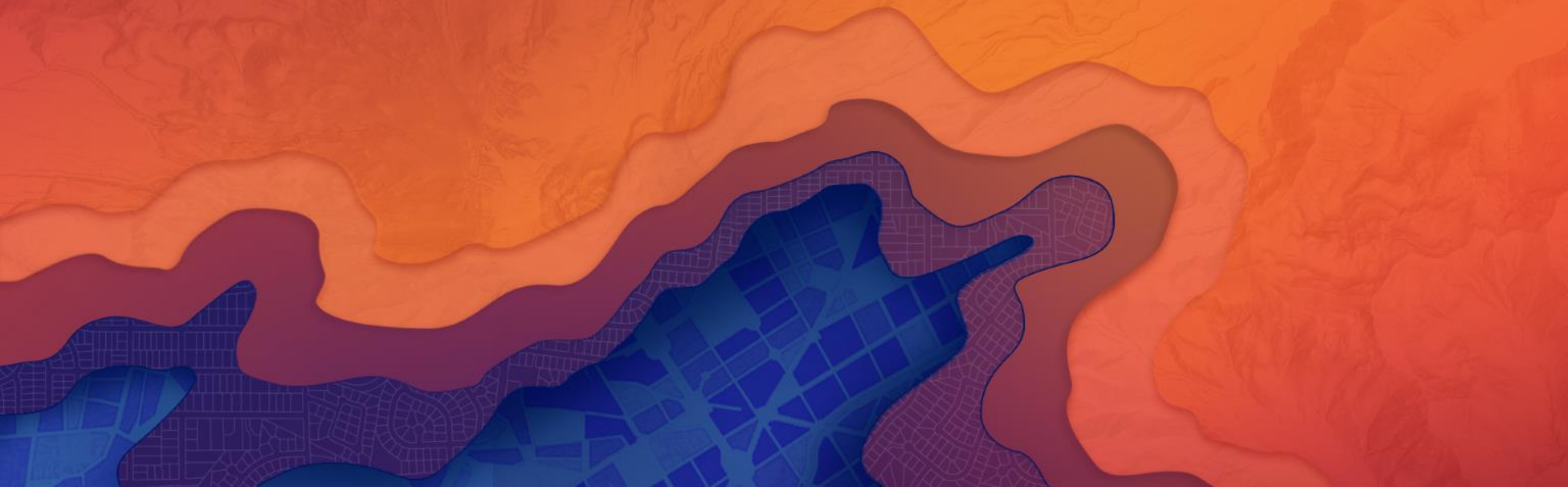
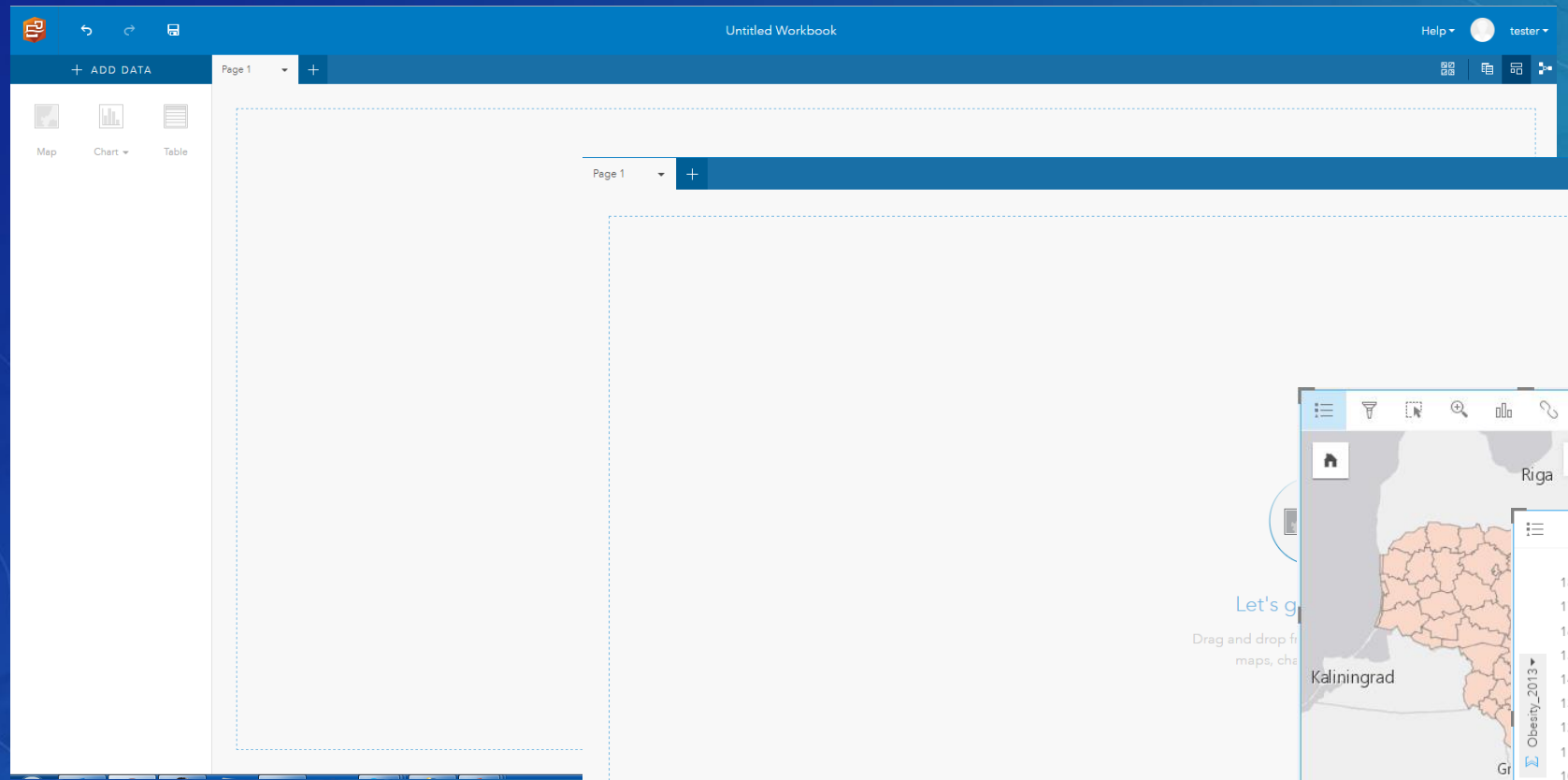
Use Insights for ArcGIS

MAKING FULL USE OF INSIGHTS



Structure of an Insights workbook

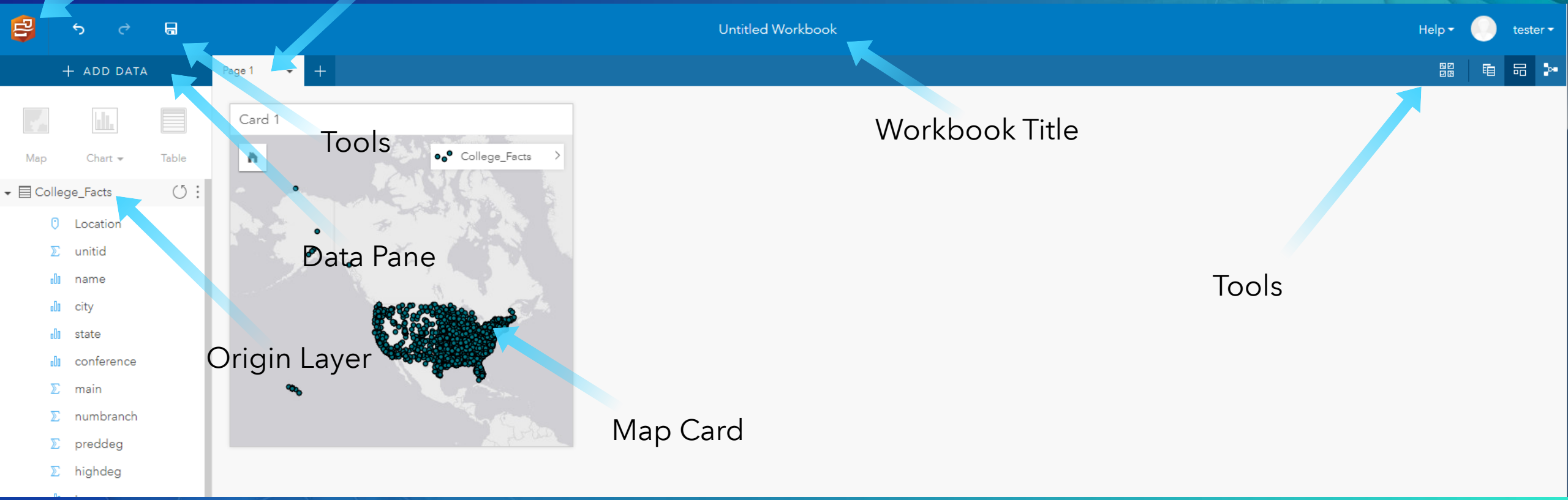


Workbooks

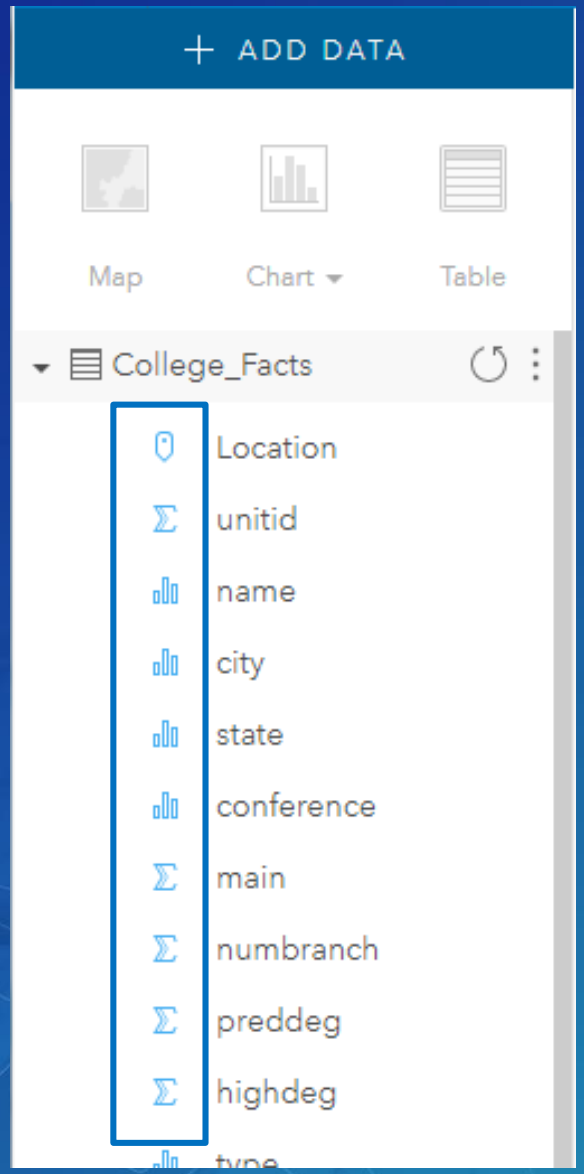
Pages

Cards

Overview of Workbook

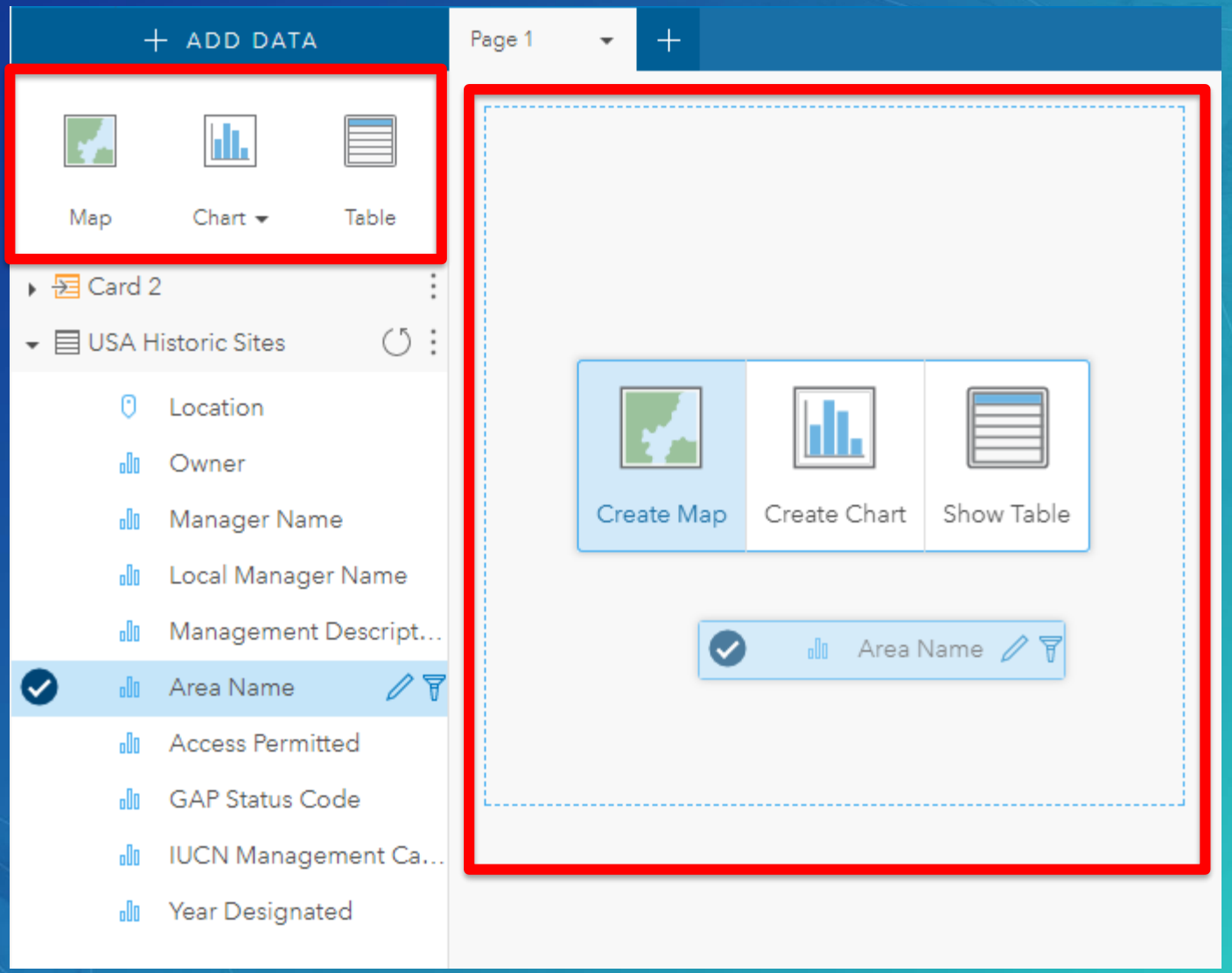


Field Roles



- Location
- String
- Number
- Rate/Ratio
- Date/Time

Type of Cards: Map, Chart, Table



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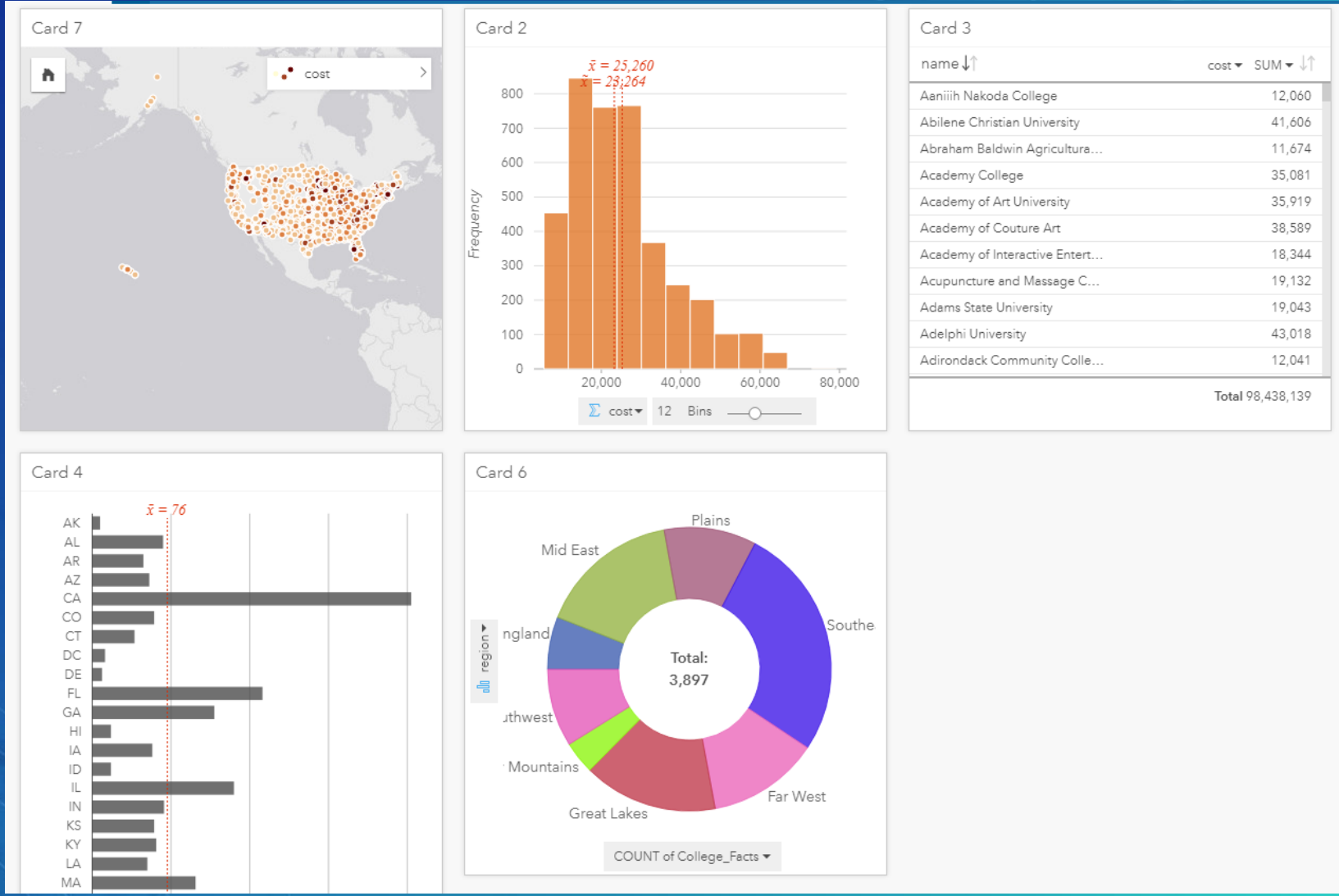
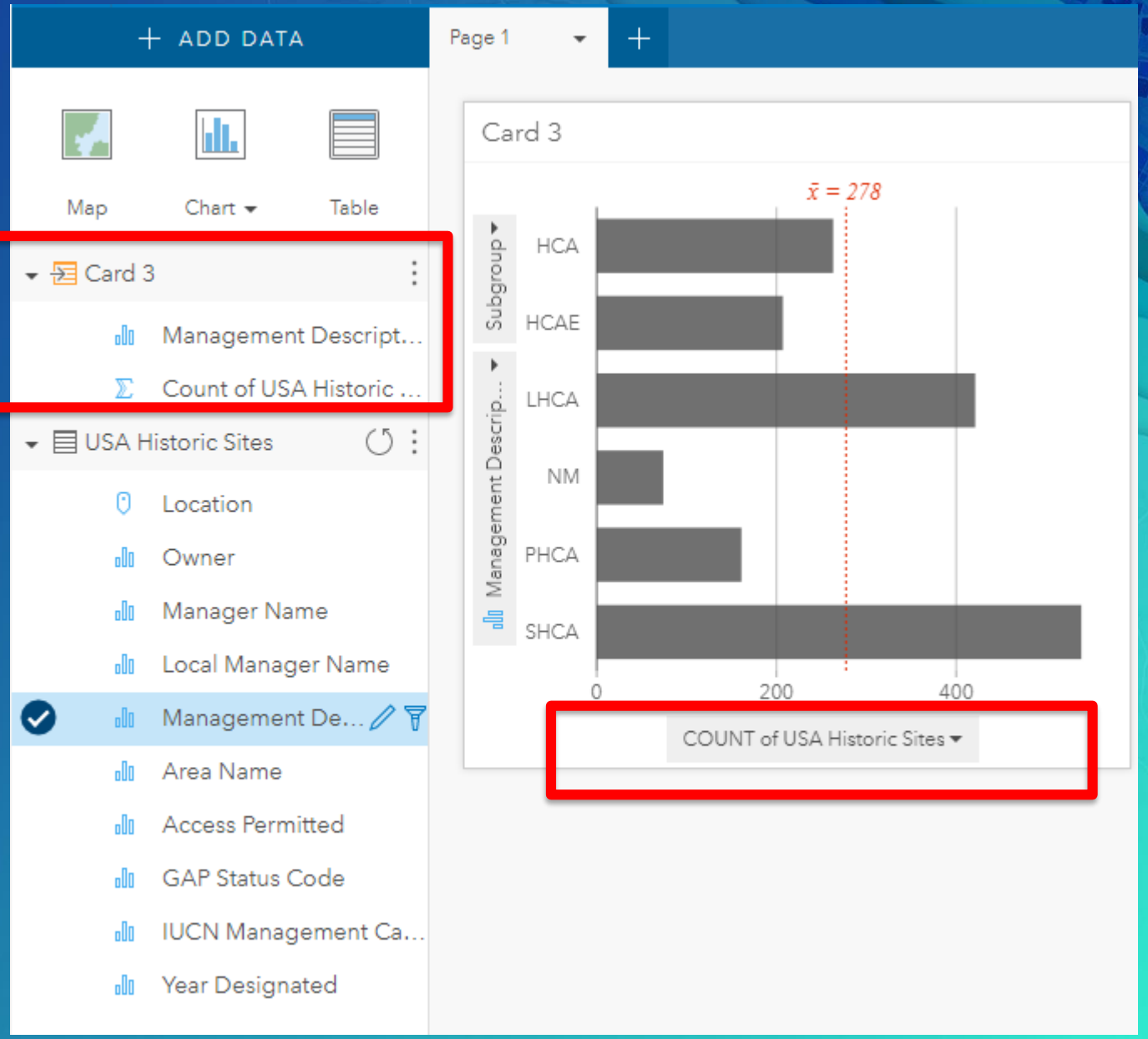
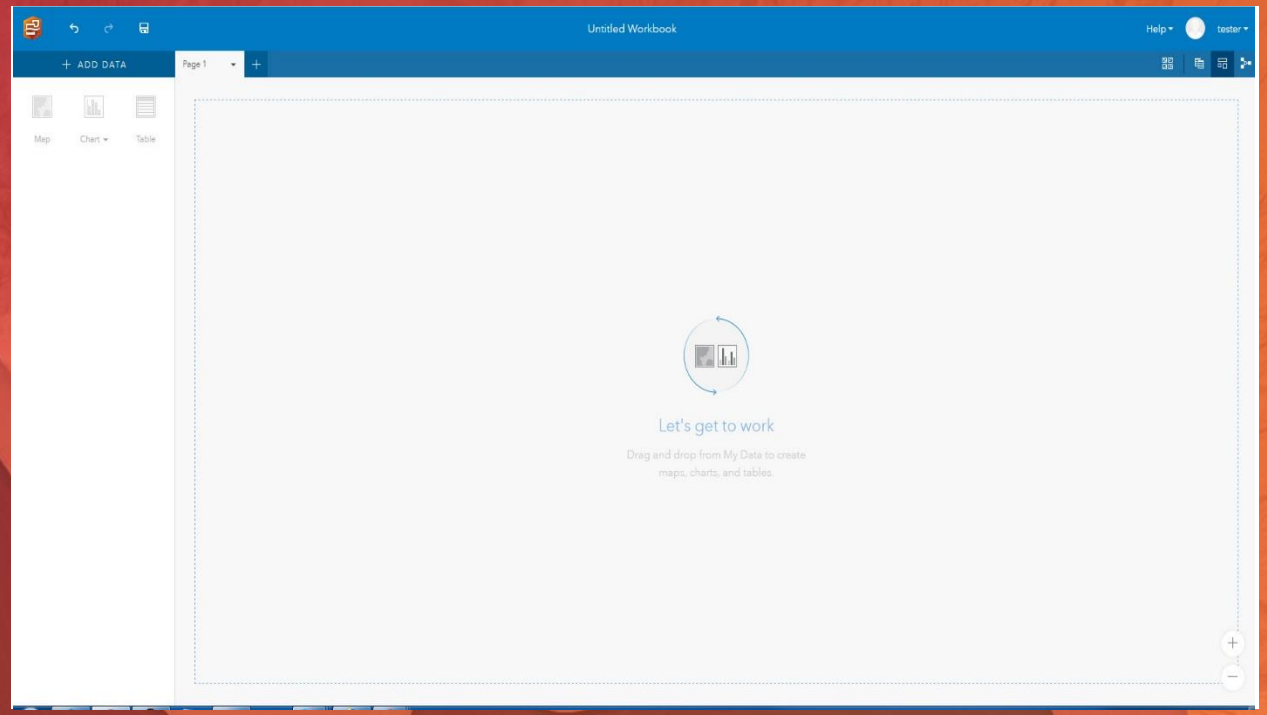


Result Layers

When any kind of analysis or calculation is conducted in Insights, Result Layers are created



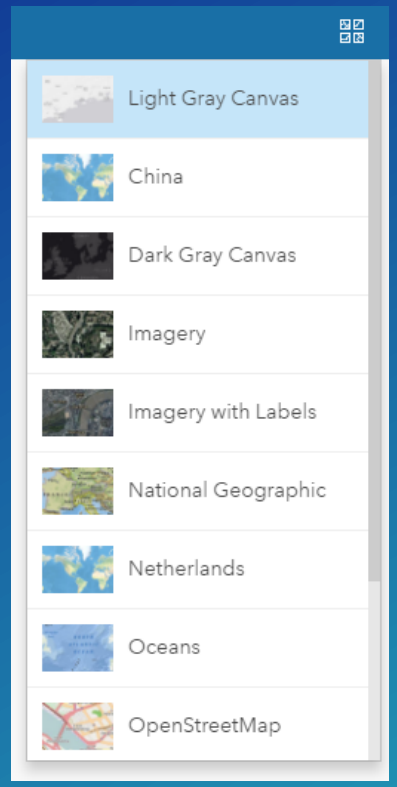


Using Insights for ArcGIS

Demonstration

What's New at v2.0?

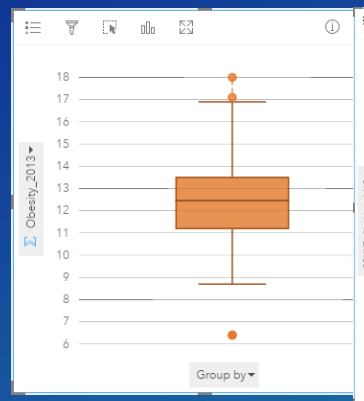
- Basemap toggle



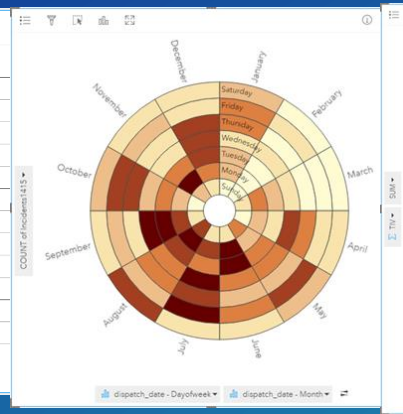
- Databases:
  - Oracle support.

What's New at v2.0?

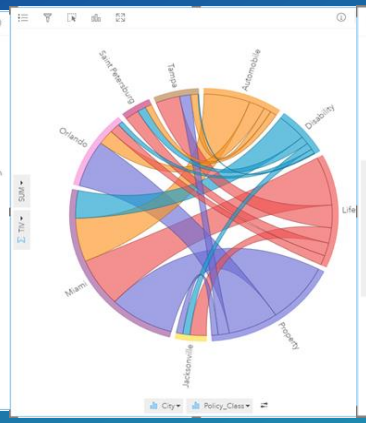
- Charts



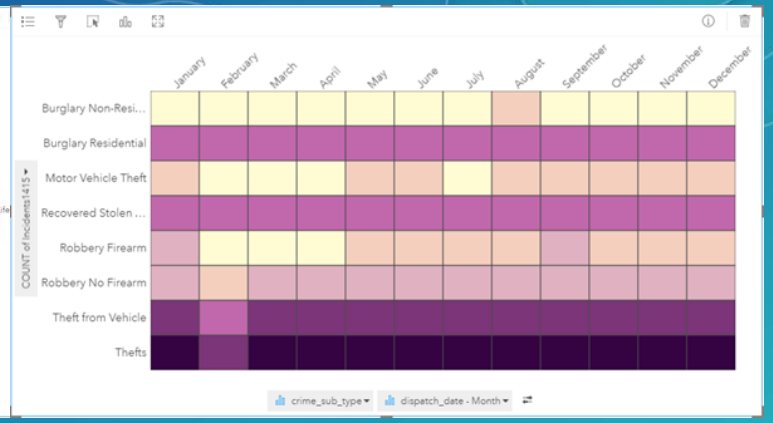
Box Plot



Data clock



Chord diagram

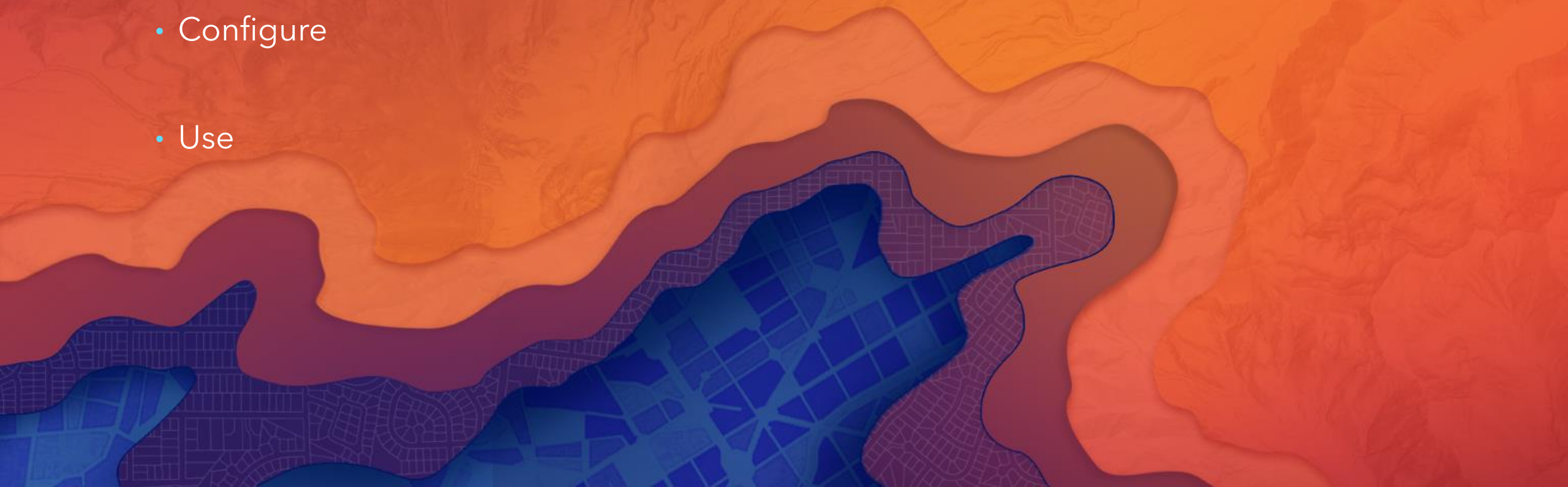


Heat Chart

- Data Sources
  - CSVs
  - Spatiotemporal data store

Key Takeaways

- Deploy
- Configure
- Use



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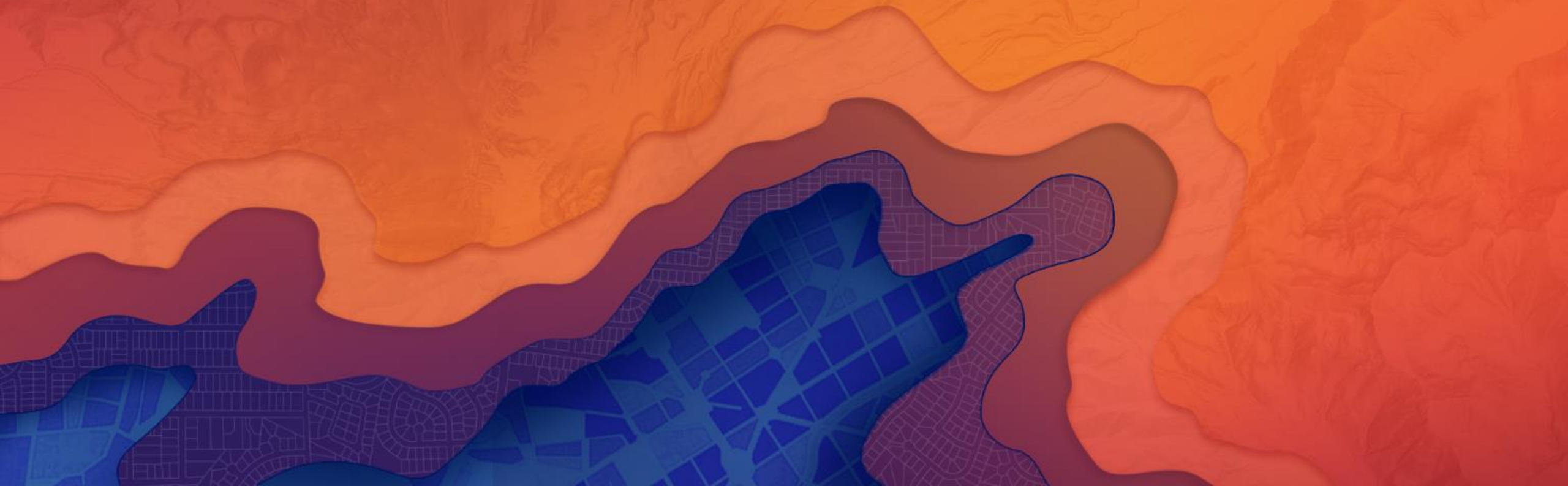
QUESTIONS?



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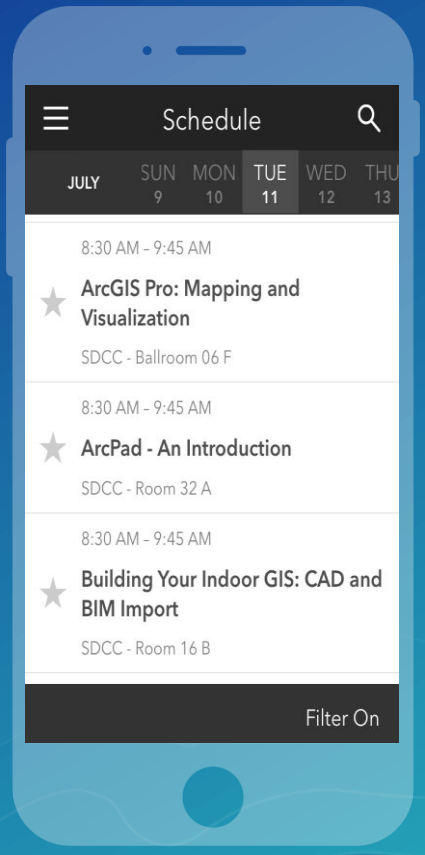
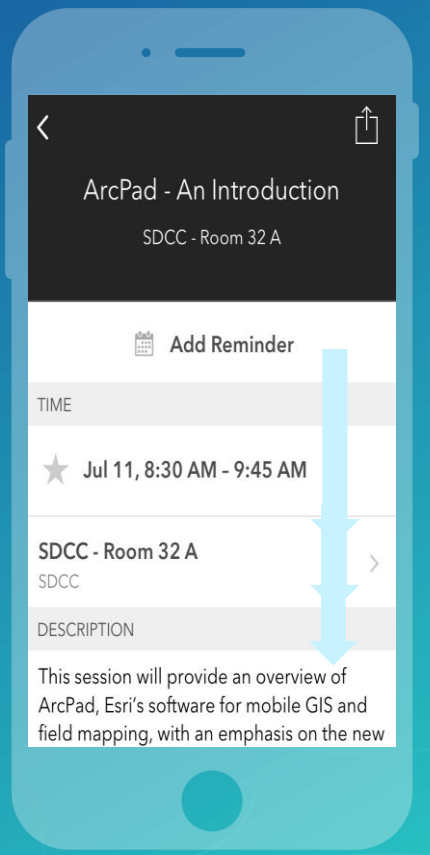
Download the Esri Events app and find your event

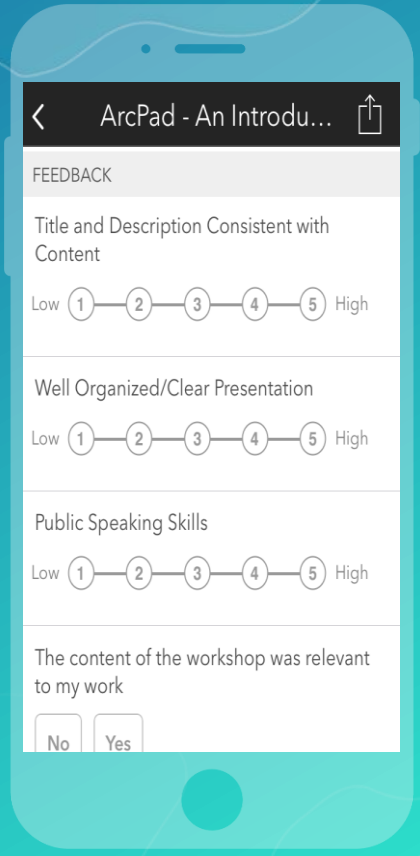
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



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