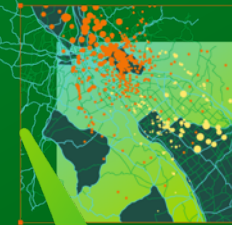




ArcGIS Insights: Powerful Analysis Made simple

Akshay Harshe

2022 ESRI MIDWEST USER CONFERENCE



Agenda

- Brief introduction
- Temporal analysis
- Regression analysis
- Link analysis
- Extend with Python and R



Analysis

Clustering
Regression
Descriptive stats
Confidence intervals
Link (graph) analysis

What's nearby?
How is it related?
How has it changed?
How is it distributed?

Seasonality
Forecast
Moving average

Import visuals
Save script as a tool
Run any library (Python & R)
Import & export data

Widgets
Maps
Tables
Charts
Interactivity
Overlay map layers




Exploratory



Statistical



Spatial



Temporal



Scripting

Analysis




Capabilities

Rename
Geo-enable location
Filter
Hide fields
Enrich
Calc & format fields
Join



Preparation

Run any library (Python & R)
Save script as a tool
Import visuals
Import & export data



Models

Feature layers
Relational database
Cloud data warehouse
OneDrive & SharePoint
Files




Connections

Data

Collaboration

Repeatable by other analysts
Document best practices
Repeatable by other analysts



Reports

Deployment and data options



ENTERPRISE



ONLINE



DESKTOP



DATA

- Feature layers
- Excel
- CSV
- GeoDatabases
- Shapefiles
- GeoJson



DATABASES (spatial or non-spatial tables)



OPEN SOURCE

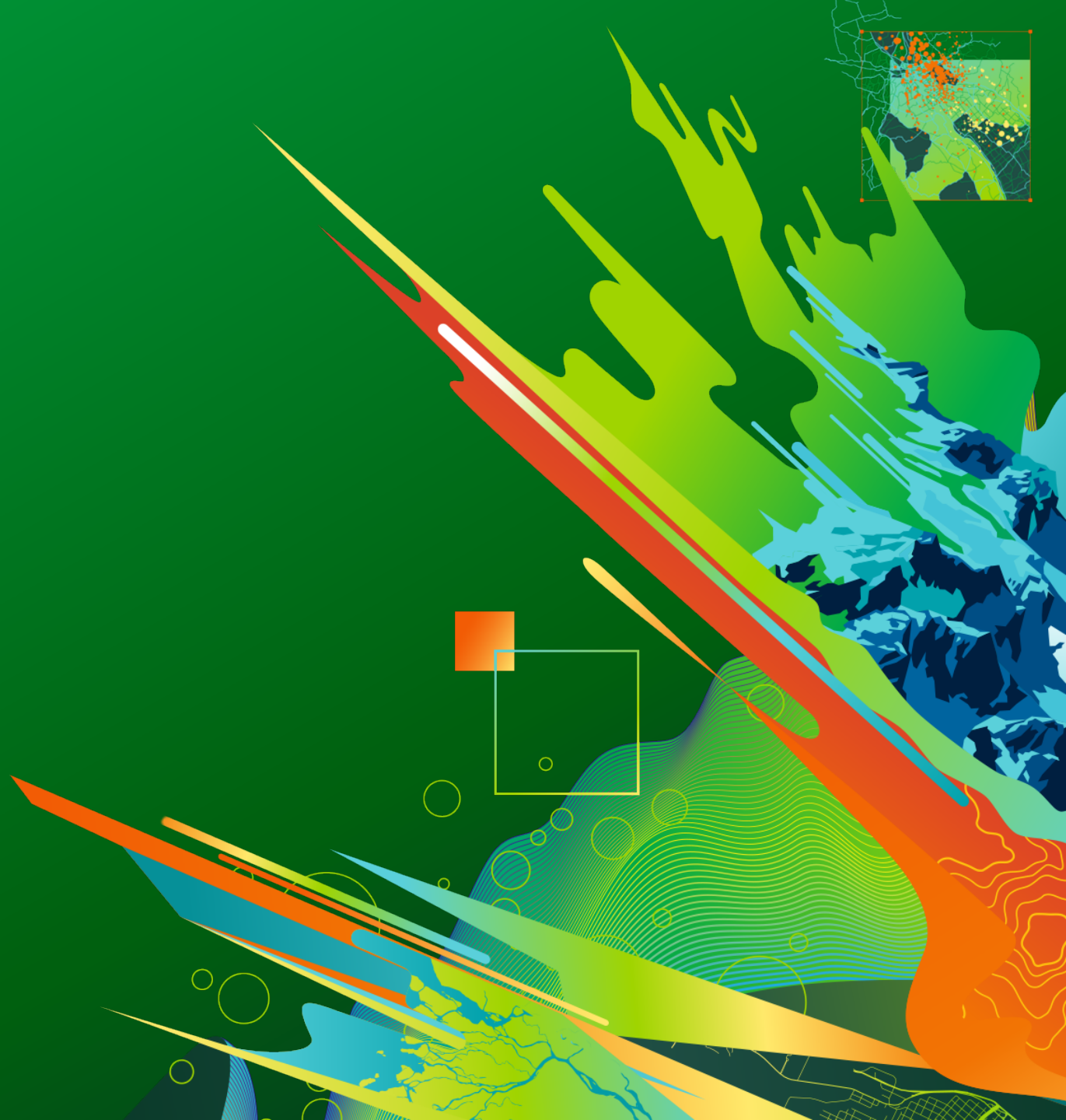
- Python scripts
- R scripts
- Python notebooks



Demo

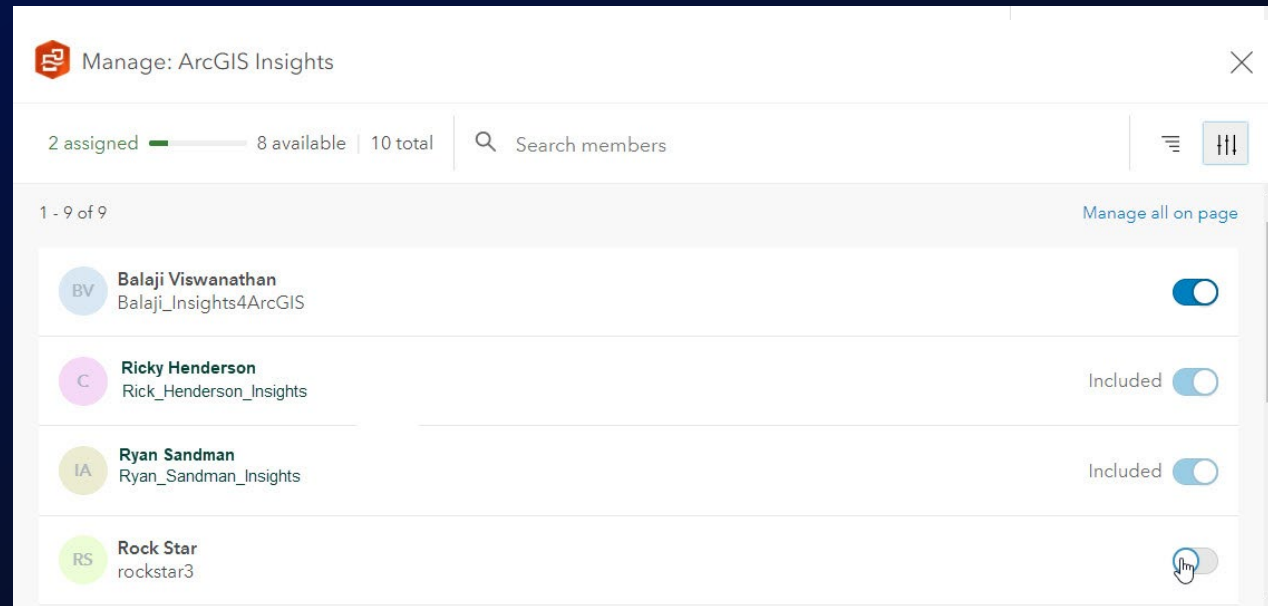
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Activate your license

1. Identify your ArcGIS Administrator
2. ArcGIS administrator: download & install license (ArcGIS Enterprise Only)
3. ArcGIS administrator: assign licenses to users



Your Potential Evolution of Insights

Initial Setup & Training

- Free 21-day trial
- Optionally download Insights desktop
- Self-guided tutorials and videos
- Instructor-led online course

Quick Win Project

- Connect to your data
- Perform analysis
- Add context, make a beautiful report
- Share, incorporate feedback, repeat

Organizational Awareness

- Executive awareness
- Educate value of location
- Gather need for additional projects



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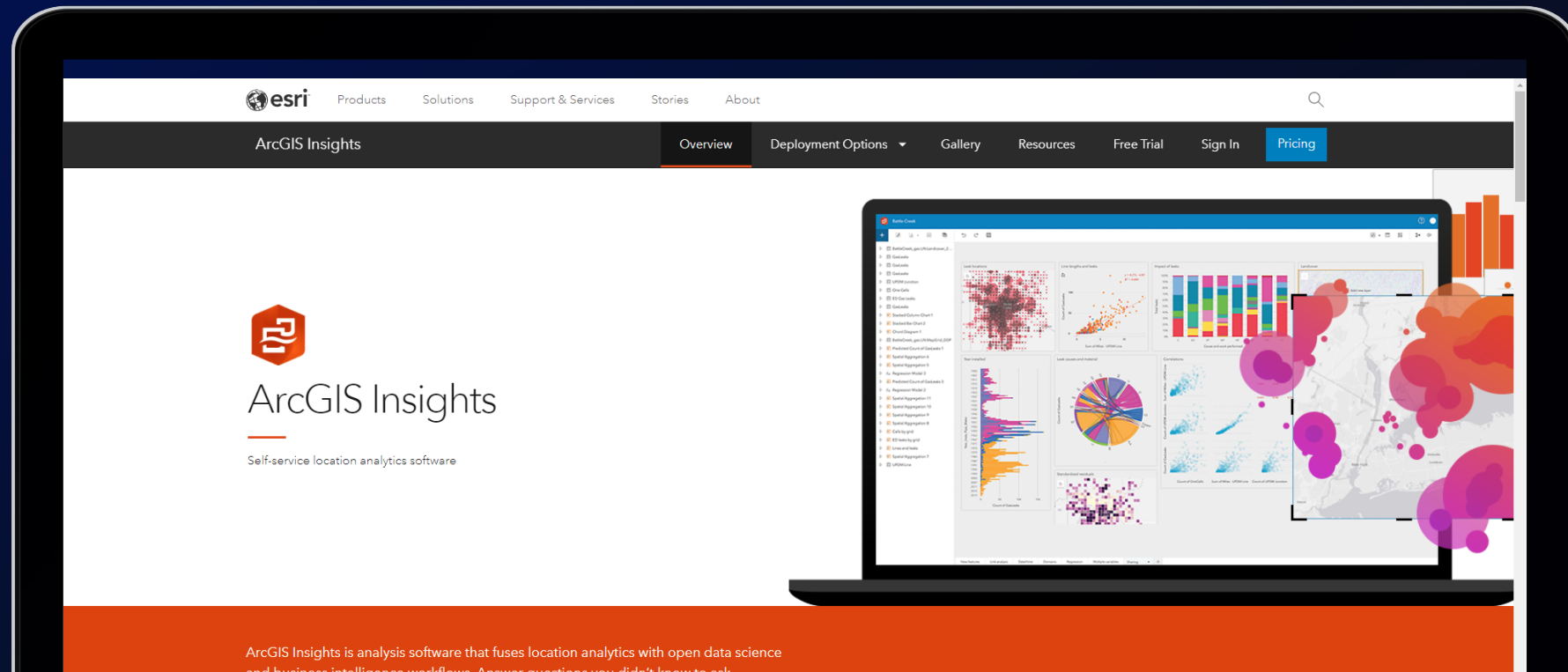


www.esriurl.com/InsightsCommunity



www.esriurl.com/InsightsVideos

www.esriurl.com/InsightsTrialVideos



ArcGIS Insights is analysis software that fuses location analytics with open data science and business intelligence workflows. Answers questions you didn't know to ask.

Please Share your feedback!

I would love to hear from you

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