ArcGIS Online Analytics

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Topics

• Introducing ArcGIS Online Spatial Analysis

• Spatial Analysis workflow

• Demo

• Q&A
Introducing ArcGIS Online
Spatial Analysis
ArcGIS Online Spatial Analysis – What is it?

- Integrate Analytics into ArcGIS Online
- Cloud Processing
- Ready to use content
- Discover relationships, Patterns and Trends
ArcGIS Online Spatial Analysis – What is the Value?

- Easy and Intuitive
- Solutions based
- Use Readily available content and services
ArcGIS Online Spatial Analysis – What do you need?

- ArcGIS Organizational account
- Role privileges
  - Create items
  - Publish hosted features
  - Premium content
  - Network Analysis
  - Spatial Analysis
  - GeoEnrichment
  - Demographics
  - Elevation Analysis
- Credits
ArcGIS Online Spatial Analysis – Tools
Summarize Data

Calculate summary statistics for features and attributes
Find Locations

Find places that satisfy multiple criteria
Data Enrichment

Explore the character of the area and add detailed demographic data to your analysis.
Analyze patterns

**Identify, quantify, and visualize spatial patterns**
Use proximity

What is near what?
Manage Data

Manage and Combine data prior to analysis
New Features This Year

- Join Features
- Find Outliers
- 26 workflows
- Rerun analysis
ArcGIS online Analysis workflow
Workflow

1. Prepare Data
2. Add to map
3. Perform analysis
4. Review results
5. Rerun analysis

Supported Data Types
- Feature service
- Map service with feature layers
- ArcGIS Online Map Notes
- ArcGIS Online Route layers
- Comma-separated values (CSV) file (.csv)
- GPS exchange format file (.gpx)
- Shapefile (.zip)
- GeoRSS web feed
- WFS layers
Summary

- Add Valuable Insights using hosted tools
- Easy to Use
- Discover geographic relationships, patterns and trends
Resources

- **Perform Analysis ArcGIS Online Page**

- **Analytics Case Studies**

- **Learn ArcGIS Lesson Gallery**

- **Esri Training Portal**
  - [https://www.esri.com/training/](https://www.esri.com/training/)