



ArcGIS Dashboards: Tips and Tricks

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Agenda

- **Layout and Design**
- **Charts**
- **Indicator**
- **List**
- **Adding Interactivity**
- **Performance**

Layout and Design

- Purpose
- Know your audience
 - Familiarity with the subject and terminology
 - Management vs organization vs public
- Frequency of use
- Viewing method
 - Wall mounted display vs desktop vs mobile device
 - Passive vs interactive

Serial Chart

- Purpose: Display multi-series data
- Continuous data, such as date based charts → use a line
- Discrete data → use column
- Remove axis lines with opacity = 0
- Change fill opacity to create area chart
- Set a min/max value for the value axis

Pie Chart

- **Purpose: Display percentage of the total or part-to-whole relationships**
- **Use Grouping % to combine small categories**
- **Maximum 6-7 slices**
- **Increase the inner radius**
- **Remove labels**
- **Reduce leader lines**

List and Indicator

- **New advanced formatting option using Arcade expressions**
 - <https://arcg.is/375sS3a>
- **Consider using Details element to show lots of information**
 - Uses the formatting from the pop-up

Actions

- **New option for selection-based display**
 - Target element(s) will only display content when a selection is made
- **Use field mapping to apply filter action to an element with a different data source (including tables)**

Highly scalable dashboards

- Follow data, layer and map recommendations for scalability
- Replace map extent filter action with attribute filter action
- Review use relative date queries
- Share your dashboard using the generic URL starting with www.arcgis.com

<https://arcg.is/3aPjMZm>

Resources



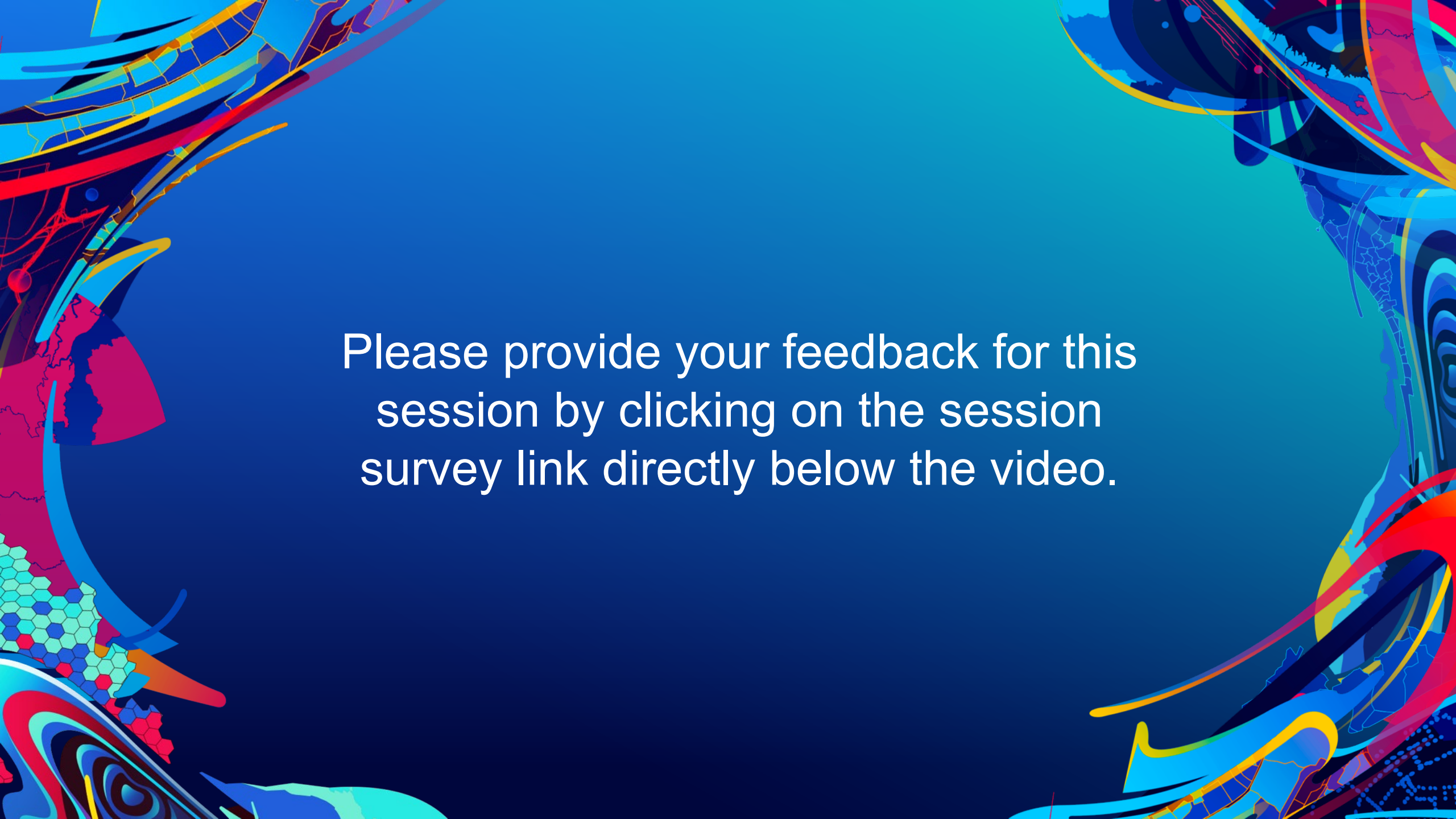
Resources

- **Documentation** <https://arcg.is/3qeQQjY>
- **Best Practices:**
 - Building highly-scalable dashboards <https://arcg.is/3aPjMZm>
 - Create web maps for dashboards <https://arcg.is/3daM1EK>
 - Author effective dashboards <https://arcg.is/3daLTFg>
- **Blog articles:**
 - Getting Started with Arcade in ArcGIS Dashboards <https://arcg.is/375sS3a>
 - Visualizing data effectively on dashboards <https://arcg.is/3rK0jAd>
 - Pie Chart dos and don'ts <https://arcg.is/3d4WYYA>
 - Improve extent based filtering <https://arcg.is/3rRinID>
- **Geonet Community** <https://arcg.is/3jDXU7z>



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The background is a vibrant, abstract composition. It features a central area of solid blue and teal. The left and right sides are framed by complex, colorful patterns. On the left, there are swirling shapes in red, yellow, and blue, along with a section of a hexagonal grid in shades of green and blue. On the right, there are more swirling patterns in blue, red, and yellow, with some areas resembling a topographical map or a network diagram. The overall effect is dynamic and modern.

Please provide your feedback for this session by clicking on the session survey link directly below the video.