

May 6, 2024

Alteryx Beyond the Basics Training

For Alteryx SparkED Program Participants

Deanna Sanchez, Alteryx ACE

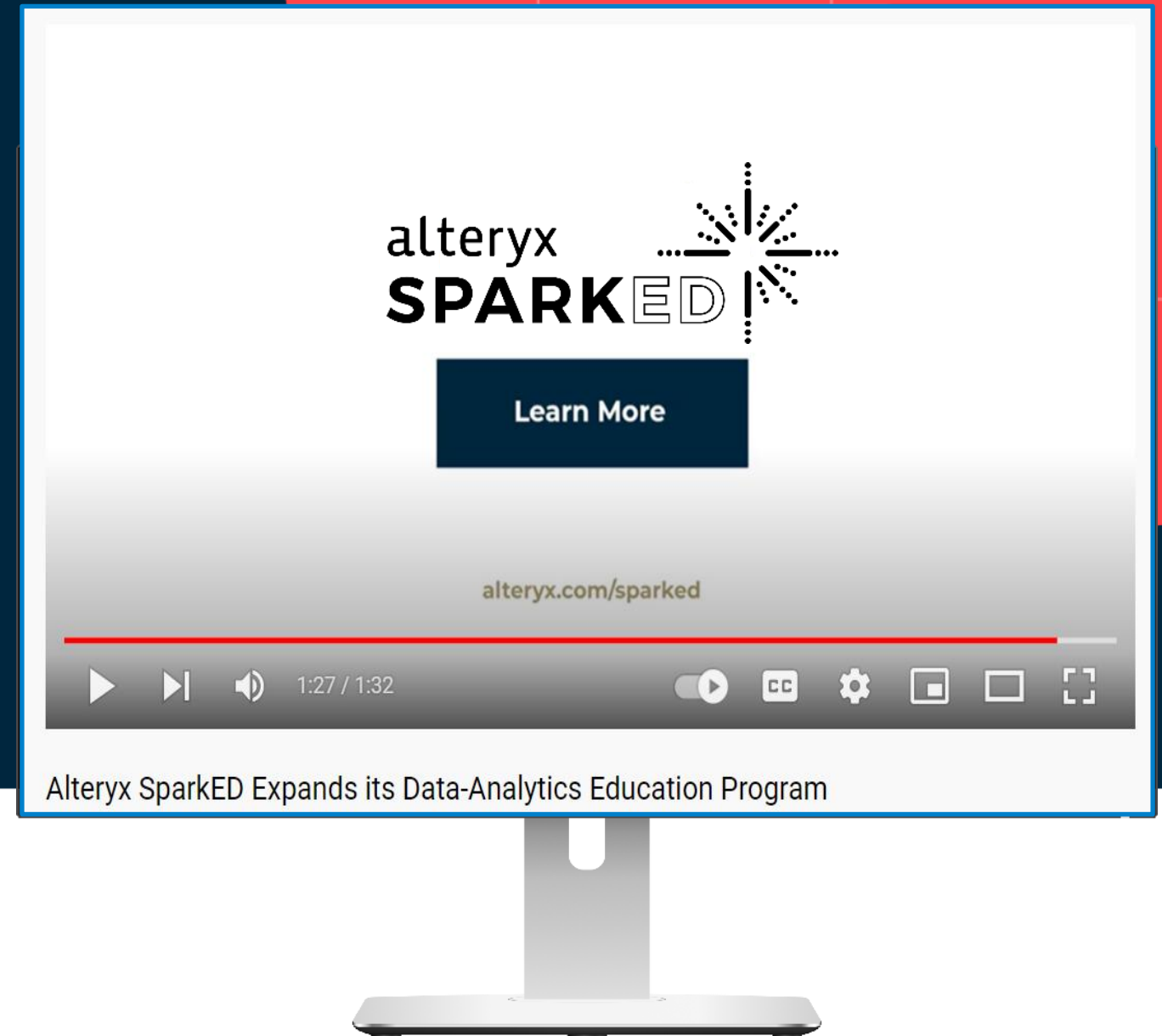
Owner, Nova Geographica, LLC



SparkED Mission

To democratize analytics by empowering every learner, across every field of study, with the skills to **question, understand, and solve with data.**

**850+ institutions
in 47 countries**

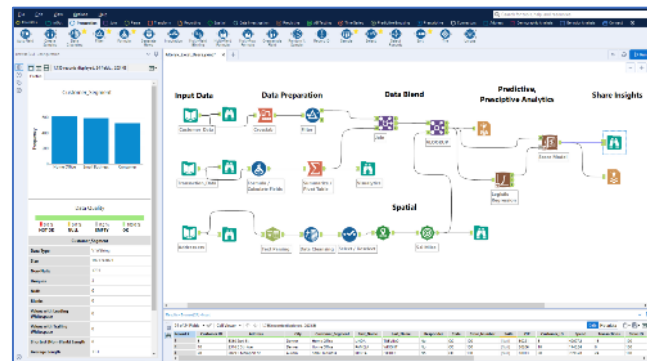


- Watch our overview video on YouTube: <https://www.youtube.com/watch?v=ZA9tclhEbFQ>
- Discover SparkED case studies on our website: www.alteryx.com/SparkED

SparkED Benefits

Alteryx Designer Licenses

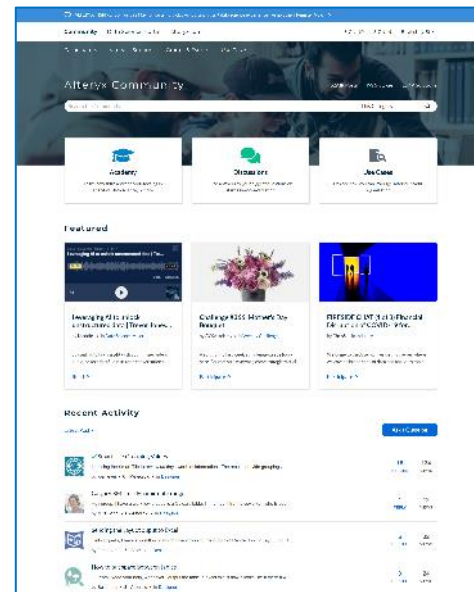
1-year renewable licenses for faculty and academic students (90-day licenses for non-academic learners)



www.alteryx.com/sparked

Alteryx Community

Connect with our global community of 300K+ industry members for resources, guidance and inspiration

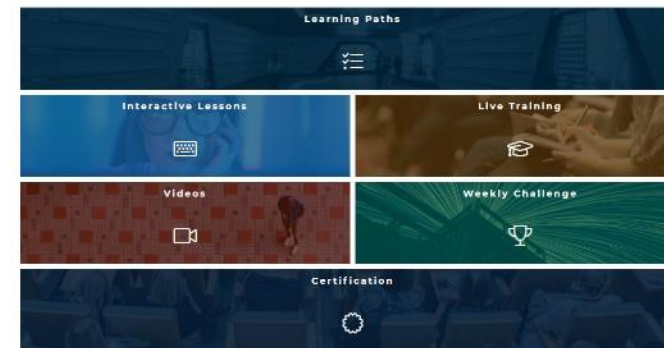


community.alteryx.com

Learning Paths & Teaching Resources

On Alteryx Academy Community Page:

- Interactive lessons
- Live trainings
- On-demand videos
- Weekly challenges

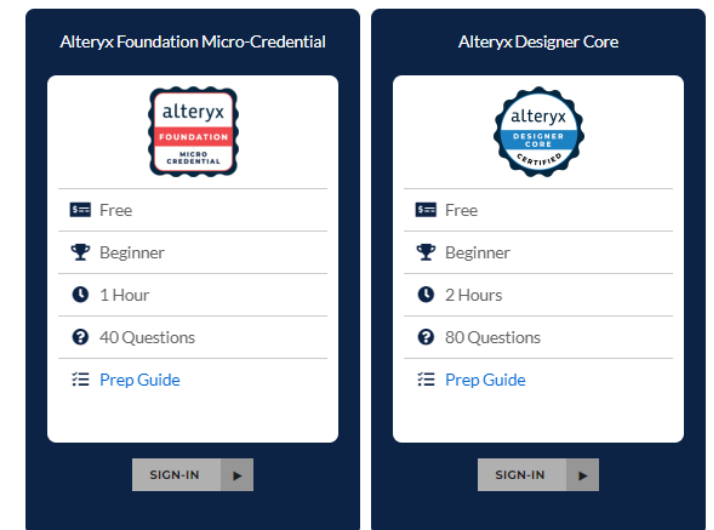


[Alteryx Academy Community Page](#)

Alteryx Certifications

Includes:

- Interactive prep guides
- Prep videos
- Practice tests
- Credly digital badges



[Certification - Alteryx Community](#)

ALTERYX BEYOND THE BASICS TRAINING

SERIES OVERVIEW

- 01** Session 1: Reporting
February 5, 2024, 3:30 to 5:00 p.m. MT
- 02** Session 2: Spatial Analytics
March 4, 2024, 3:30 to 5:00 p.m. MT
- 03** Session 3: Analytic Apps
April 1, 2024, 3:30 to 5:00 p.m. MT
- 04** Session 4: Macros
May 6, 2024, 3:30 to 5:30 p.m. MT

Today's Agenda

Session 4: Macros

- **Interface Toolset:**
 - **Macro Input**
 - **Macro Output**
 - **Control Parameter (Batch Macros)**
- **Macro Types:**
 - **Standard**
 - **Batch**
 - **Iterative**

Please save and unzip the “Alteryx SparkED Intermediate Training Datasets” zipped file prior to building workflows



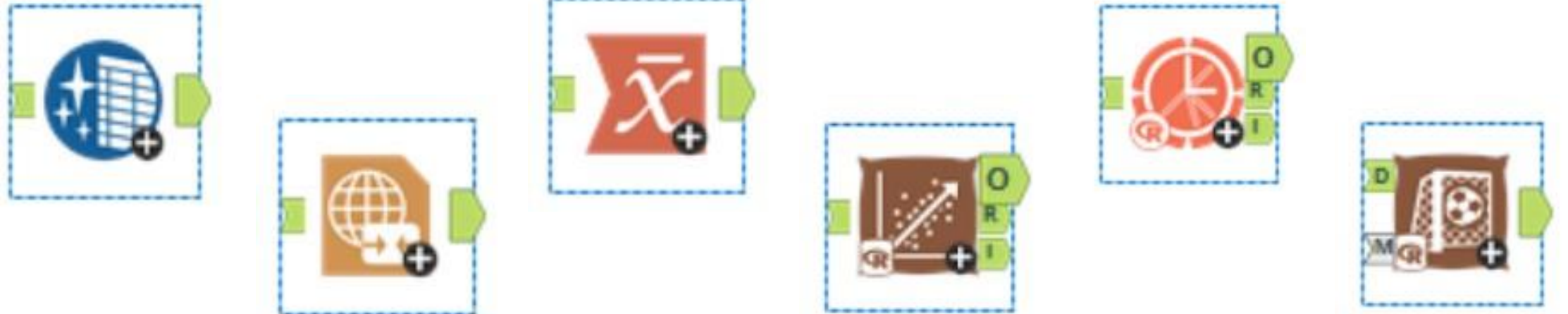
About Deanna:



- **Alteryx ACE since 2018**
- **Alteryx advanced trainer since 2015**
- **Degree in Geography with concentrations in Geographical Information Systems (GIS) and Medical Geography**
- **Began using Alteryx in 2005**
- **Proud to be an Alteryx Partner**
- **SparkED Supporter and Alteryx For Good Champion**
- **DFW Alteryx User Group co-leader since 2015**
- **Has a LOT of World globes and maps**
- **Will talk for hours about spatial analytics and just Alteryx in general**

ALTERYX MACROS

Some Alteryx tools are actually macros!



*Note the plus sign on the bottom right to indicate the tool is a macro.
You can right-click and open the macro to see how it works!*

Three types of Macros:

- **Standard Macro**

- Repeatable process wrapped into a tool
- *Example: A five-tool process used repeatedly for similar data inputs*

- **Batch Macro**

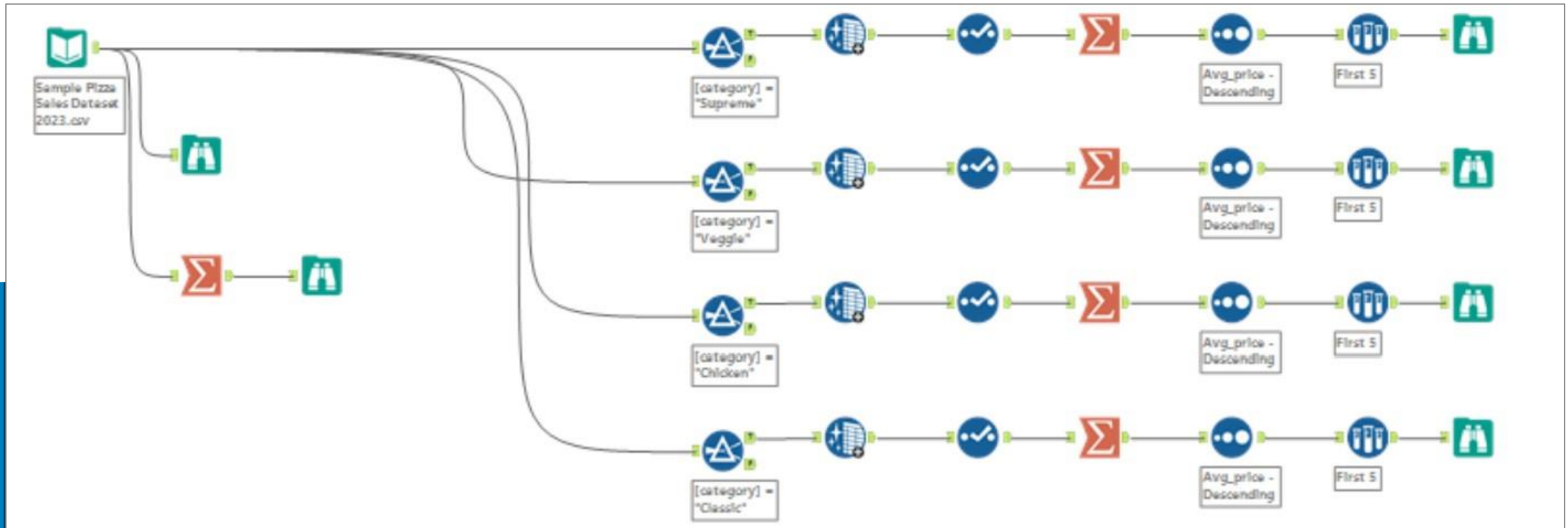
- “For Each” process
- Applies a process for each item or group
- *Example: Apply a different tax rate for each state in a dataset*

- **Iterative Macro**

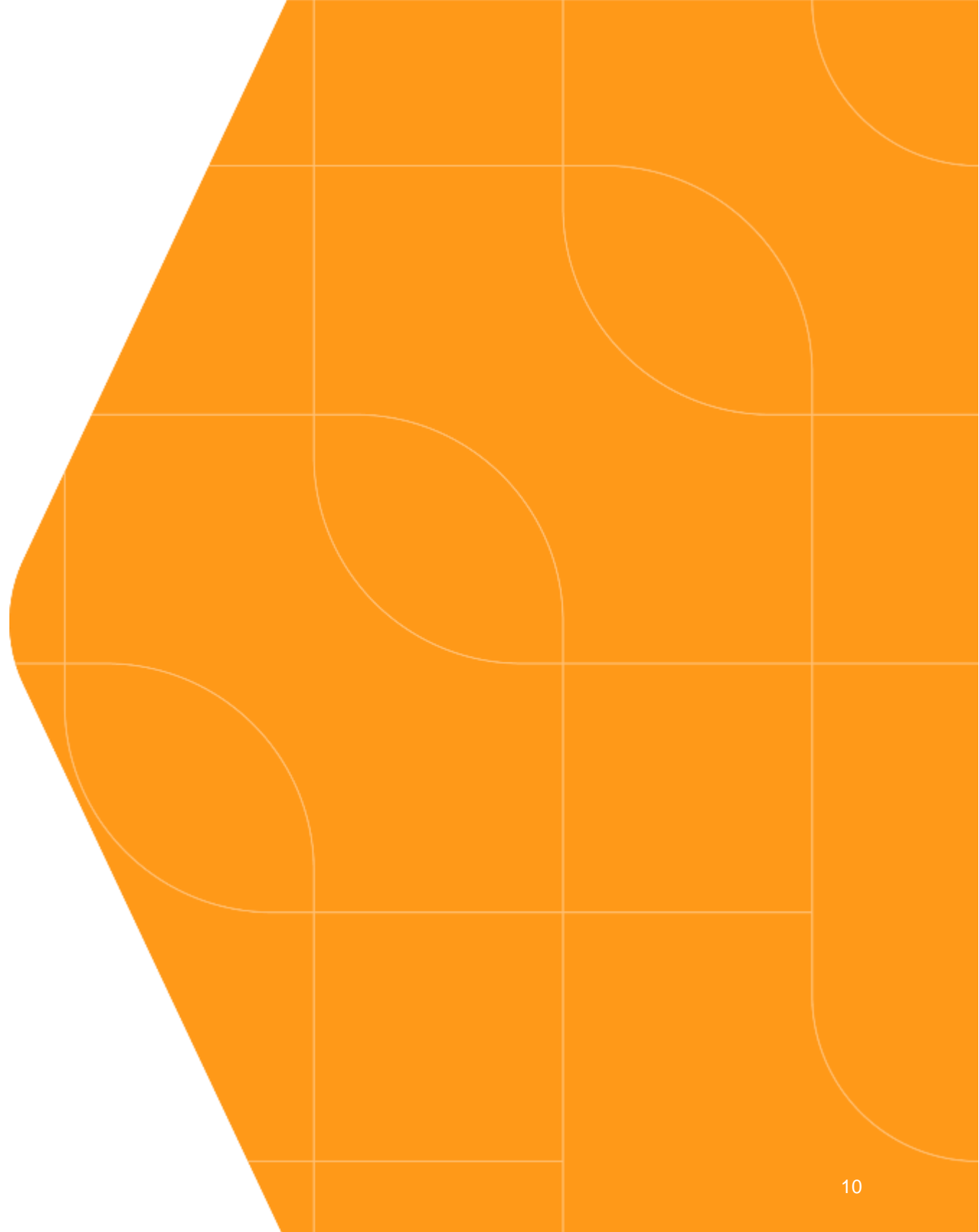
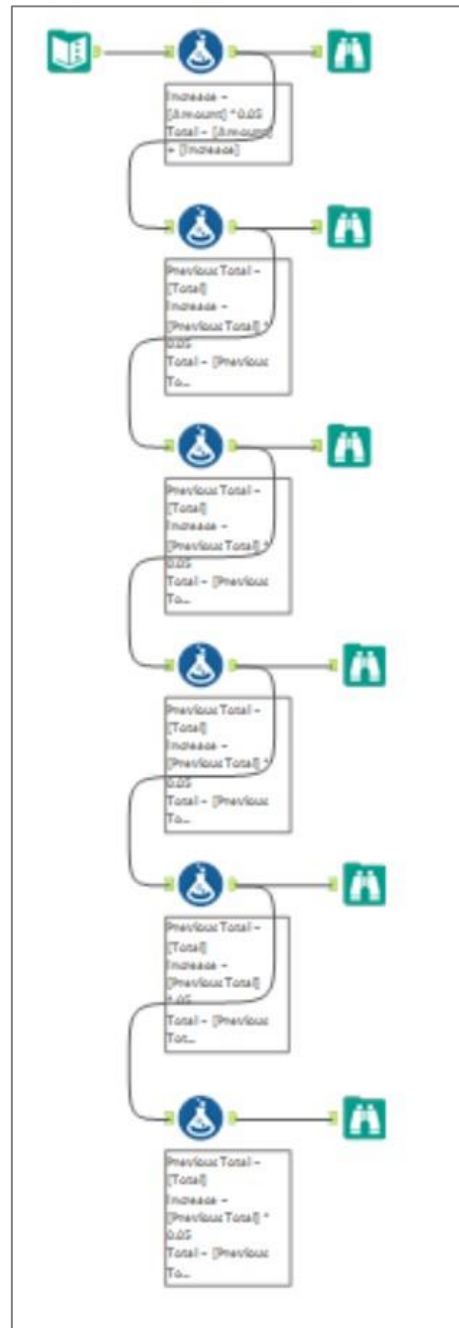
- “Do Until” process
- Iterates until a criterion is met, or until x times
- *Example: Iterate until the amount is greater than or equal to \$5,000*



You may need a Batch Macro:

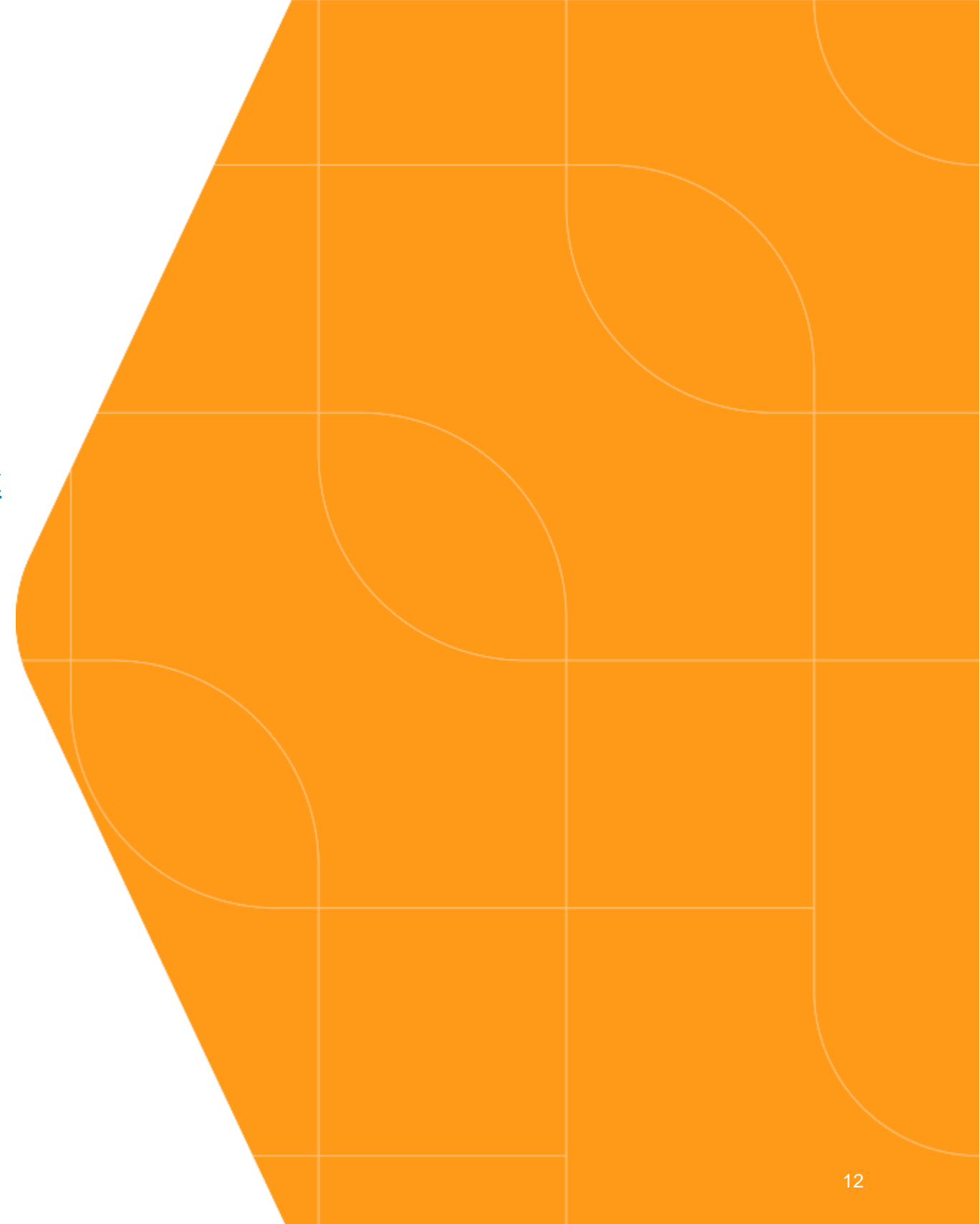


You may need an Iterative Macro:



Weekly Challenges for Session 4:

- **Weekly Challenge # 304**
 - **Batch Macro – International Bank of Awesome Data**
 - [Challenge #304: International Bank of Awesome Data... - Alteryx Community](#)
- **Weekly Challenge # 374**
 - **Using Iterative Macros**
 - [Challenge #374: Using Iterative Macros - Alteryx Community](#)






Alteryx Certifications: **Micro-Credential, Core, Advanced**

Start with the Micro-Credential on your journey to Core Certification.

[Alteryx Foundation Micro-Credential Exam Prep Guide](#)



| Alteryx Foundation Micro-Credential | Alteryx Designer Core | Alteryx Designer Advanced |
|--|---|---|
|  |  |  |
| Free | Free | Free |
| Beginner | Beginner | Advanced |
| 1 Hour | 2 Hours | 2 Hours |
| 40 Questions | 80 Questions | 40 Questions |
| Prep Guide | Prep Guide | Prep Guide |
| SIGN-IN | SIGN-IN | SIGN-IN |

Thank you!

Deanna Sanchez, Alteryx ACE
Owner, Nova Geographica, LLC

alteryx.com/sparked

