

**Topic: Using Flow Chart Shapes for  
Communication**

*Curating*  
Application Pipelines  
*Series*



# Welcome to Today's Lecture!

## Today's Lecture

- Flow chart shapes mean something – why not leverage that meaning to your advantage?
- Making application pipeline flows in PowerPoint

A screenshot of the online course interface for 'PowerPoint for Visualizations'. The top navigation bar is red and contains the 'DP S DethWench Professional Services' logo on the left, and 'ALL COURSES', 'MY DASHBOARD', and 'MONIKA W.' on the right. The main content area is dark grey and shows a course outline with chapters: 'Chapter 1: Introduction', 'Chapter 2: Configurations in PowerPoint' (expanded to show sub-lessons like 'Setting a Color Scheme', 'Configuring the Master', 'Configuring Shapes and Arrows', 'Flow Chart Shapes', 'Adding and Configuring Clip Art', 'Tricks with Text', and 'Chapter 2 Quiz'), 'Chapter 3: Challenge - Reformat a PowerPoint Visualization', and 'Chapter 4: Conclusion'. On the right side, there is a preview image of a PowerPoint slide titled 'PowerPoint for Visualizations' and a grey box titled 'About this course' listing details: '\$50.00', '18 lessons', '1 hour of video content', '2.5 hours of course activities', '6 video demonstrations', and '3 chapter quizzes &amp; 1 final challenge'.

Take our online course, "PowerPoint for Visualizations": <https://monika-s-school-e295.thinkific.com/courses/powerpoint-for-visualizations>



# How Shapes Help You Communicate

- Flow charts have been used in engineering even before computers were invented
- Shapes connected by arrows depicting some sort of process flow
- Can be used for very technical documentation (like an ETL pipeline)
- Can be used for simple and basic workflows
- Extremely important in data science

## Flow Chart Shapes Resources

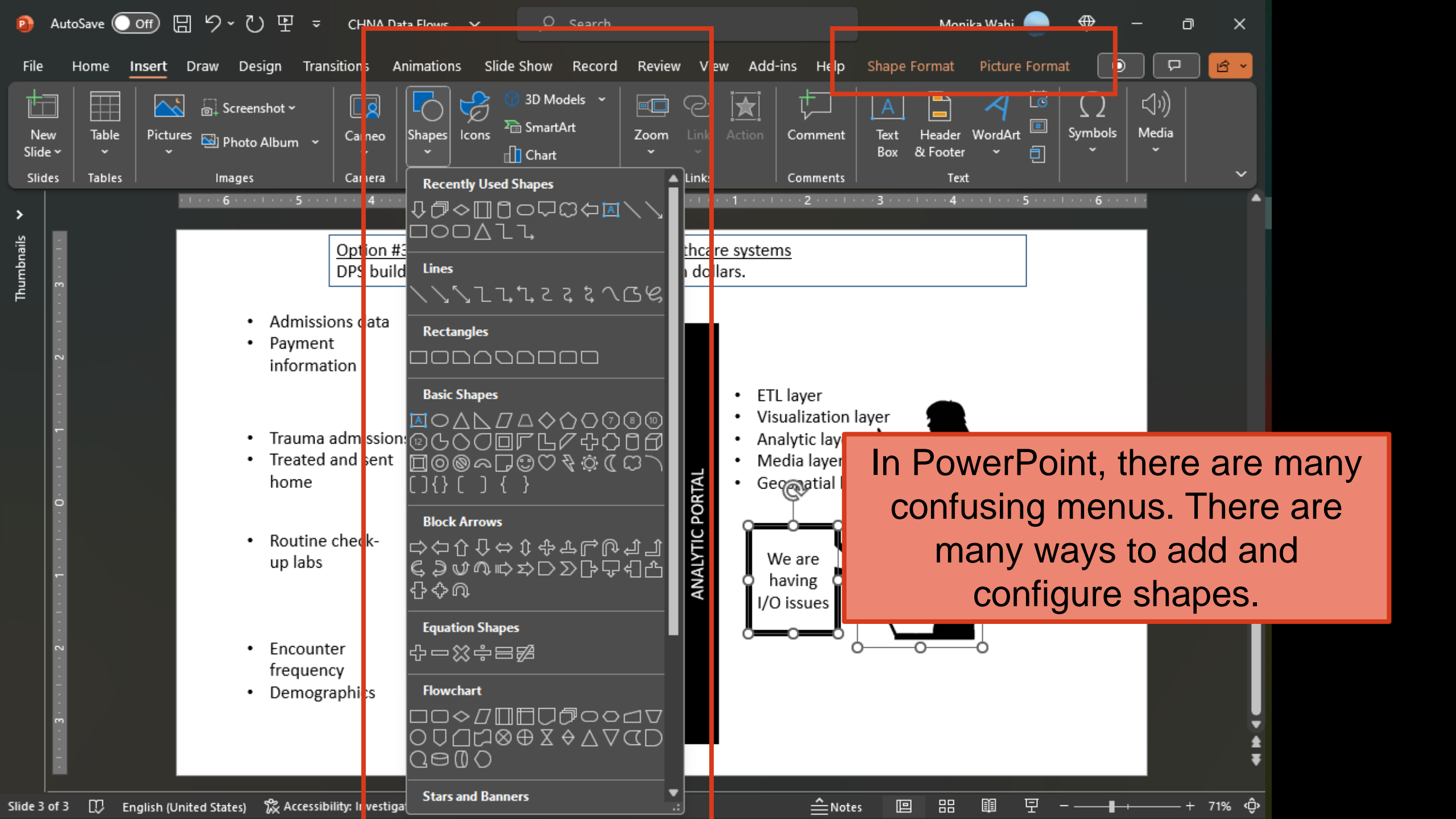
LinkedIn Learning Course: Data Curation Foundations: <https://buff.ly/3310B14>

Course: PowerPoint for Visualizations: <https://monika-s-school-e295.thinkific.com/courses/powerpoint-for-visualizations>

Blog Posts:

How to Make an ETL Documentation Pipeline: <https://buff.ly/3YZws7Z>

Shapes and Images in Dataviz: Making Choices for Optimal Communication: <https://buff.ly/3PATcaZ>



In PowerPoint, there are many confusing menus. There are many ways to add and configure shapes.

- Admissions data
- Payment information

- Trauma admissions
- Treated and sent home

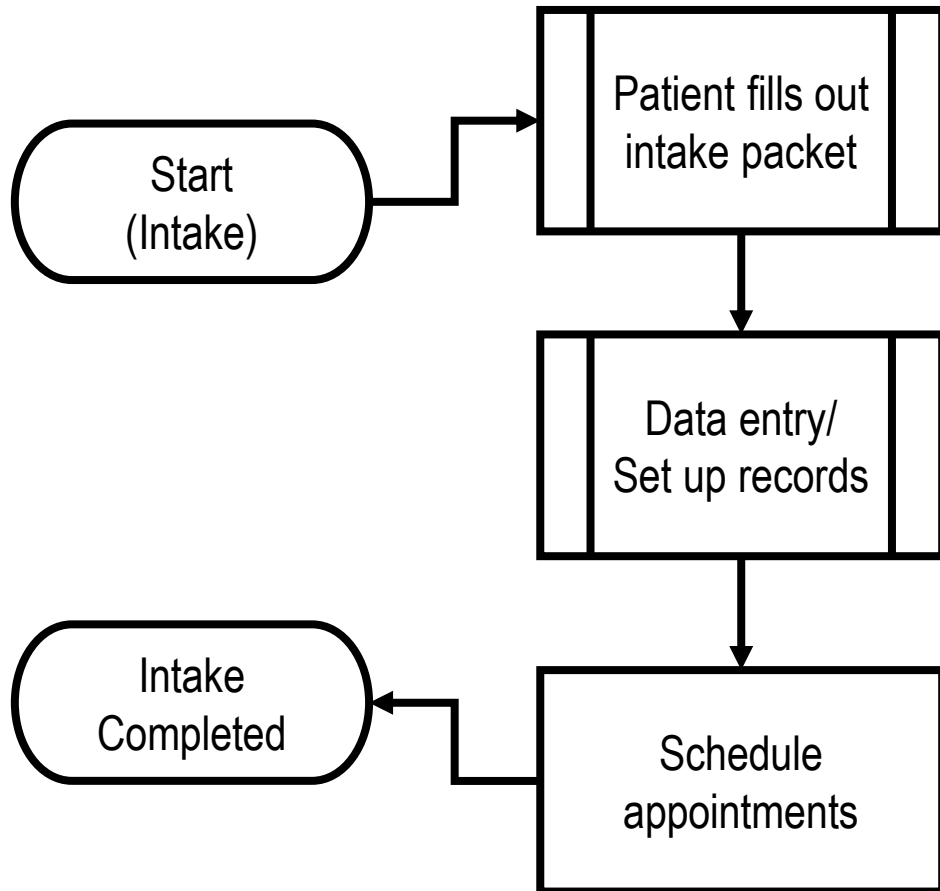
- Routine check-up labs

- Encounter frequency
- Demographics

- ETL layer
- Visualization layer
- Analytic layer
- Media layer
- Geospatial

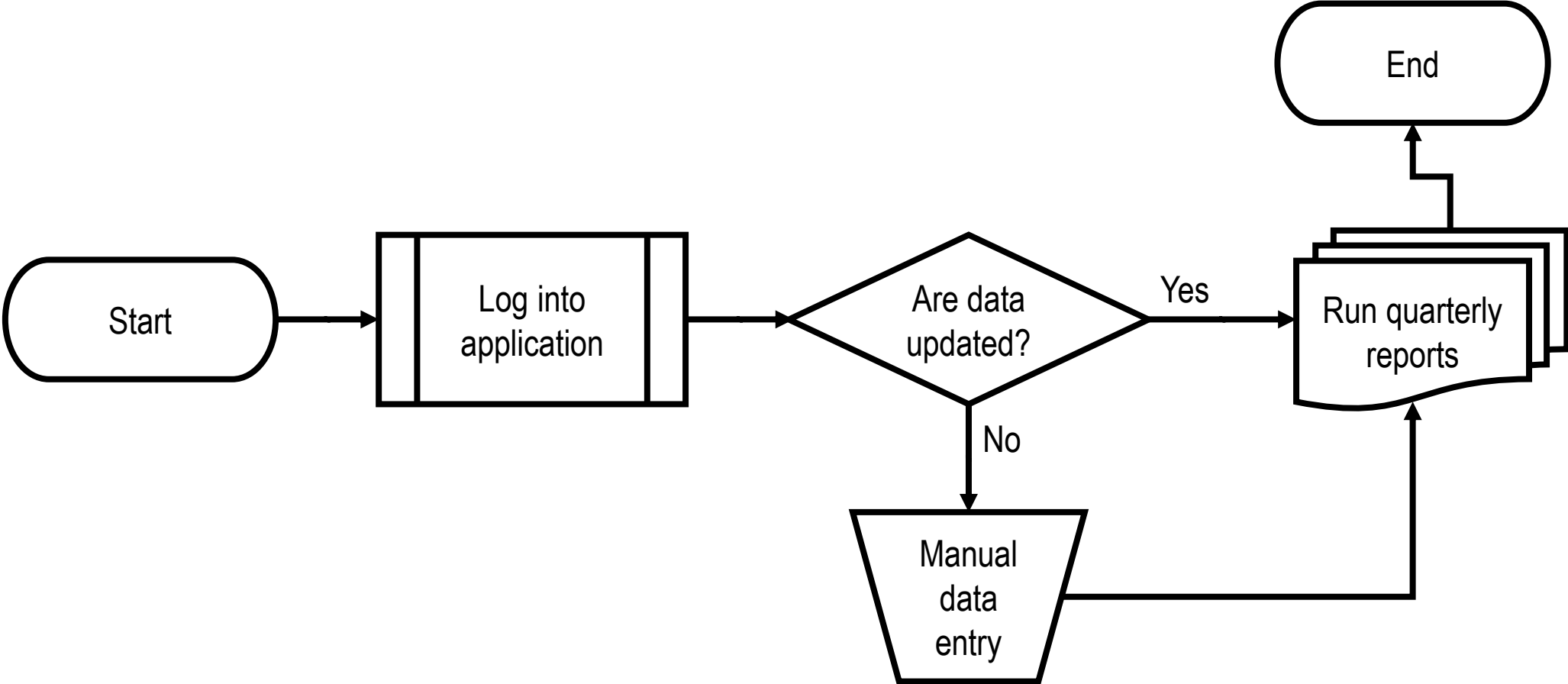


# Useful Shapes: Terminator and Process

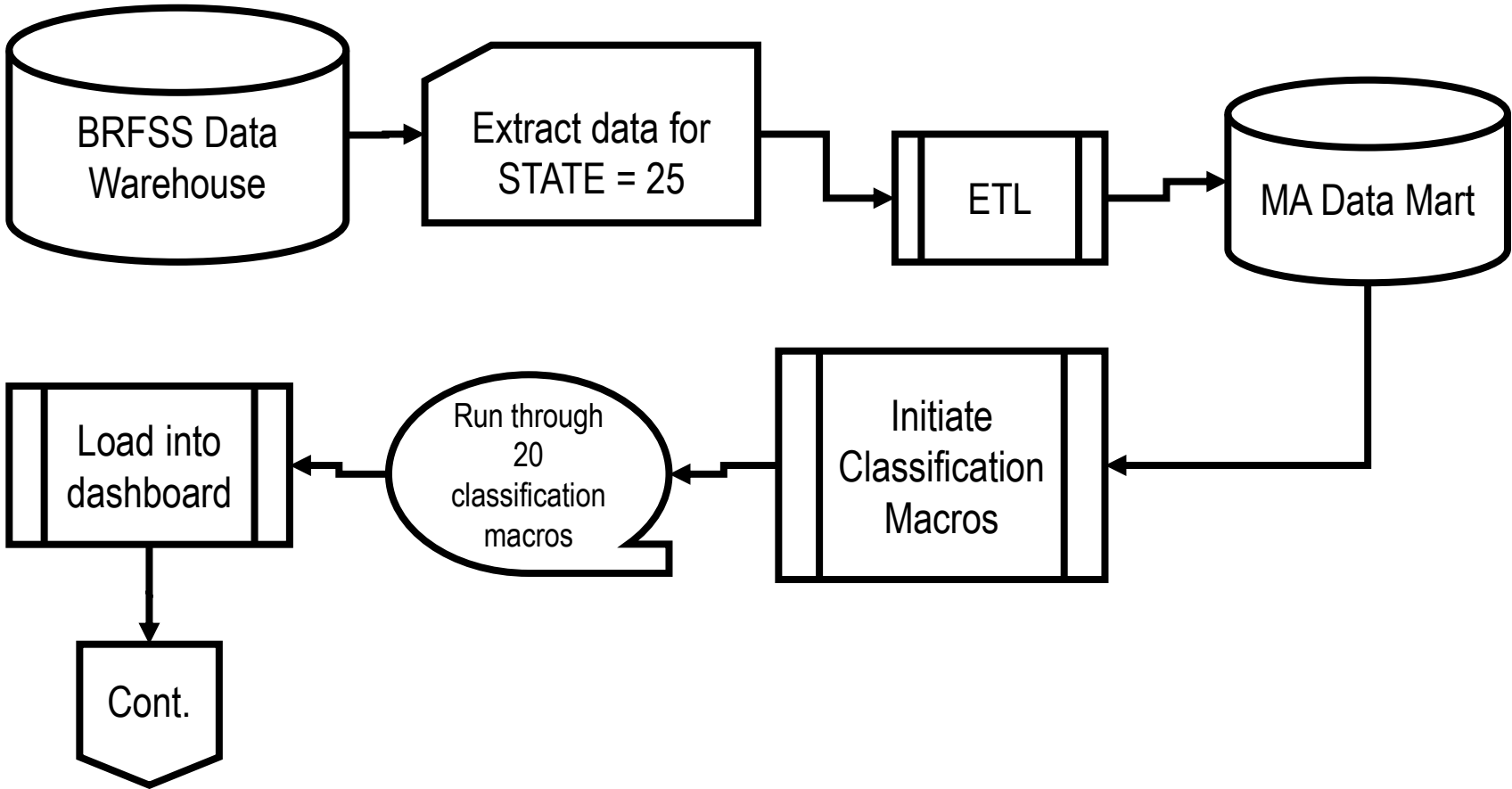


- Hot dog shape is a terminator
- Pre-defined vs. not pre-defined process

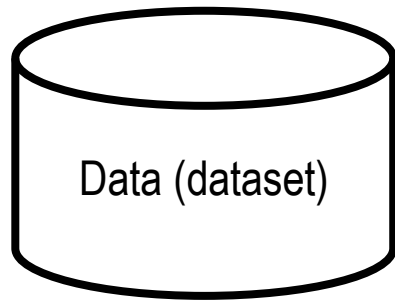
# Decision, Document, and Manual Process Shapes



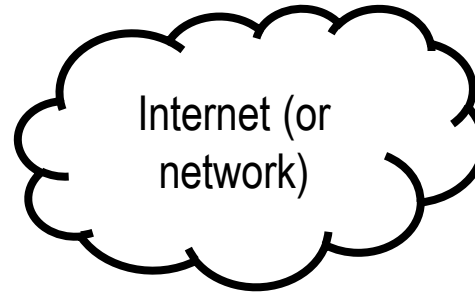
# Databases, Data Extracts, Repeat Processes, and Referrals to Other Diagrams



# Bonus Shapes That Are Not Technically Flow Chart Shapes



Data (dataset)



Internet (or network)



Opinion, user discussion, feedback

## Icons or graphics



Videoconference, online discussion, online course



Dashboard output, analytics user interface, reporting





# Questions?

**Facilitator:** Monika M. Wahi, MPH, CPH

Email:  
[dethwench@gmail.com](mailto:dethwench@gmail.com)

Blog:  
<https://dethwench.com/blog/>

LinkedIn:  
<https://www.linkedin.com/in/dethwench/>

A screenshot of the DethWench Professional Services website. The header is red with the logo on the left and navigation links 'ALL COURSES', 'MY DASHBOARD', and 'MONIKA W.' on the right. The main content area is dark grey. On the left, a list of chapters is shown: 'Chapter 1: Introduction', 'Chapter 2: Configurations in PowerPoint' (expanded to show sub-items like 'Setting a Color Scheme', 'Configuring the Master', etc.), 'Chapter 3: Challenge - Reformat a PowerPoint Visualization', and 'Chapter 4: Conclusion'. On the right, there is a preview image of a PowerPoint slide titled 'PowerPoint for Visualizations' and a box titled 'About this course' listing details: '\$50.00', '18 lessons', '1 hour of video content', '2.5 hours of course activities', '6 video demonstrations', and '3 chapter quizzes &amp; 1 final challenge'.

Take our online course, "PowerPoint for Visualizations": <https://monika-s-school-e295.thinkific.com/courses/powerpoint-for-visualizations>