

Before We Get Started...

1. **Download** the folder of materials that will be used in the workshop:
 - a. Go to github.com/GalvanizeOpenSource/tableau-workshop
 - b. Click the green 'Clone or Download' button
 - c. Click 'Download Zip'
2. **Download** one of the following:
 - a. Tableau Public (always free) - make an account and then click to download the app: public.tableau.com
 - b. Tableau Desktop (free trial):
tableau.com/products/desktop/download

WIFI Info

Network: GEvents

Password: GEvents1644

Introduction to Tableau

Presented by Kristie Wirth



About Your Presenter

- Previously was a student, and then Data Science Resident Instructor at Galvanize (galvanize.com/denver-platte/data-science)
- Currently an Associate Data Scientist at Zapier (zapier.com)
- Used Tableau professionally for several years
- Attended Tableau's annual conference (tc17.tableau.com/tc18)



Email: kristie.ann.wirth@gmail.com

LinkedIn: [/in/kristiewirth](https://in/kristiewirth)

Github: [/kristiewirth](https://kristiewirth)

What is Tableau?

- Visualization software
- Interactive graphs and dashboards based on visualization best practices
- Useful for both exploratory data analysis and communicating findings
- Easy to get started with
- Capacity for creating complex, custom visualizations



Tableau Licensing Options

- Tableau Public (free for everyone): public.tableau.com
- Tableau Desktop
 - Free license for instructors: tableau.com/academic/teaching
 - Free license for students: tableau.com/academic/students
 - Free 14 day trial: tableau.com/products/desktop/download
 - \$35/month personal license | \$70/month professional license: tableau.com/pricing

Workshop Structure

- Interactive demonstrations
- Breakout activities

Visualization Best Practices

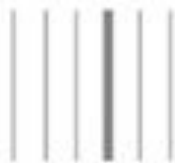
- You really only need two types
 - Comparing something? Use a bar graph.
 - Trends over time? Use a line graph.
- Things that are overrated
 - Pie charts
 - Averages
- Try rotating the view
- Highlight an important finding using color
- Simpler is better
- Humans can only distinguish between around 8 colors

One of These Things is Not Like the Other...

Length



Width



Orientation



Size



Shape



Curvature



Enclosure



2-D Position



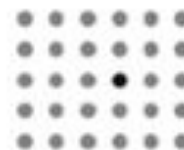
Spatial Grouping



Color (Hue)



Color (Intensity)



Please fill out the short feedback survey!

surveymonkey.com/r/V33BR3V

Instructor Contact Information:

Email: kristie.ann.wirth@gmail.com

LinkedIn: [/in/kristiewirth](https://in/kristiewirth)

Github: [/kristiewirth](https://kristiewirth)