INTRODUCTION TO TABLEAU

Samantha Surowiec, PhD.
University of Wisconsin – Green Bay
Office of Institutional Strategy and Effectiveness
surowies@uwgb.edu



AGENDA

- Introduction
- What is Tableau
- Getting Started
- Tips and Tricks



WHAT IS TABLEAU

- Data visualization and business intelligence tool.
- Create sharable interactive dashboards to support business decisions.
- Drag and drop design interface.
- Bring together a wide variety of data sources.
- Extremely customizable.
- Supports multiple programing languages, but not code based.

- Tableau products
 - Tableau Desktop
 - Tableau Prep
 - Tableau Server
 - Tableau Mobile
 - Tableau Public



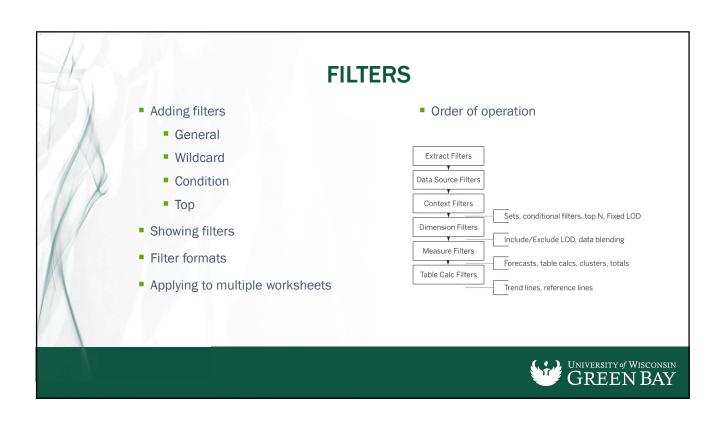
CONNECTING TO DATA

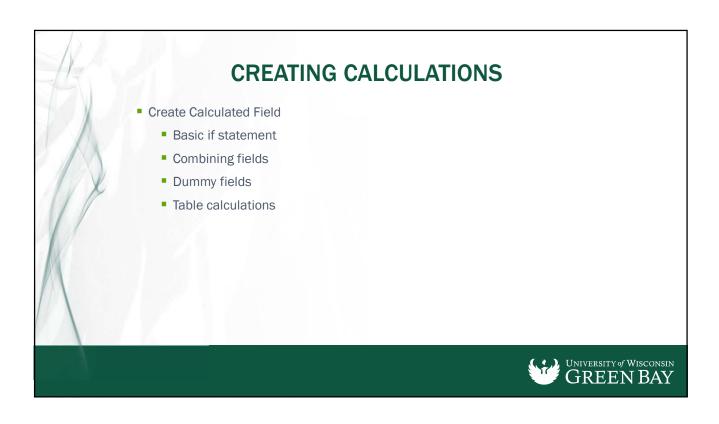
- Types of Data
- Physical Layer vs Logical Layer
- Ways to query
 - Tables
 - SQL queries
 - Unions
- Making changes to data source
- Extract vs Live data

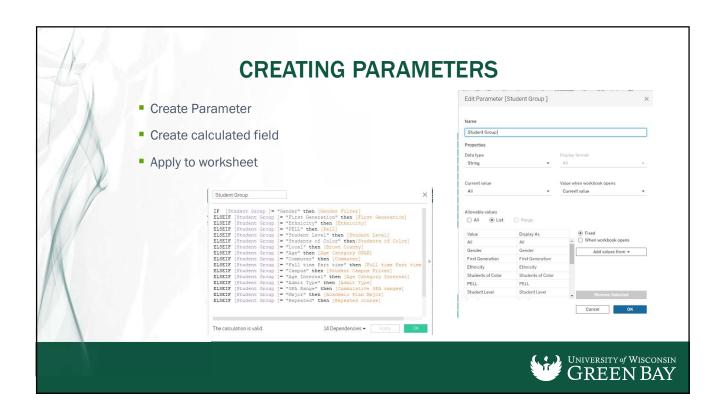




WORKSHEETS • Tour of the Worksheet workspace • Dimensions vs measurements vs parameters • Build a basic table • Formatting options • Build a basic bar chart • Build a Pie Chart • Duplicating worksheets UNIVERSITY of WISCONSIN GREEN BAY







CREATING A DASHBOARD Tour of the work area Dashboard pane Layout Pane Fixed vs Floating Show/hide button Buttons University of Wisconsin GREEN BAY

PUBLISHING DASHBOARDS Tableau Public Free and publicly available No governance or security No automatic updating Tableau Server Requires paid server space and application. Provides tight control over security. Provides a number of automatic updating functions Tableau Reader Requires reader software to be used. No governance, security, or administrative abilities. No automatic updating





KEYBOARD SHORTCUTS

- CTRL to copy pill
- Ctrl * to open all layers
- Ctrl Z to undo
- Ctrl S to Save
- Ctrl C, X, V just like word.
- Ctrl+Shift+B increase pie chart size
- Ctrl+B decrease pie chart
- Ctrl Alt C calculated field (Alt A+C)



WORKSHEET TIPS

- Index in tables
- Dummy variables
- Multiple measure columns
- Drag pills into calculations
- Default properties vs worksheet properties



