

# Tableau Essentials 1

## Introduction to Tableau

Tableau Family Workflow

Terms and Definitions

### Section A: A Quick Build

Exercise 01: Bar

Exercise 02: Stacked Bar

Exercise 03: Simple Dashboard

### Section B: Charts for Viewing Specific Values

*Concept: Groups & Hierarchies*

Exercise 04: Table

Exercise 05: Highlight Table

Exercise 06: Heat Map

### Section C: Creating Data Sources

*Concept: Metadata*

Exercise 07: TDS (Tableau Data Source)

### Section D: Charts for Viewing Geographic Data

Exercise 08: Symbol Map

Exercise 09: Choropleth Map

### Section E: Charts for Viewing Multiple Measures

*Concept: Measure Names & Measure Values*

Exercise 10: Side-by-Side Bar Chart

Exercise 11: Bar-in-Bar Chart

Exercise 12: Side-by-Side Circle Chart

Exercise 13: Box-and-Whisker

### Section F: Charts for Viewing Time Series

*Concept: Continuous and Discrete*

Exercise 14: Continuous Line Chart

Exercise 15: Continuous Area Chart

Exercise 16: Discrete Line Chart

Exercise 17: Discrete Area Chart

Exercise 18: Dual Axes

### Section G: Defining Calculations

*Concept: Types of Calculations*

Exercise 19: Gantt Chart

Exercise 20: Dual Combination

Exercise 21: Scatter Plot

### Section H: Table Calculations

*Concept: Double Aggregation*

Exercise 22: Circle View

Exercise 23: Pie Chart

Exercise 24: Bullet Graph

### Section I: Charts for Viewing Breakdown of the Whole

Exercise 25: Tree Map

Exercise 26: Packed Bubble

Exercise 27: Histogram

### Section J: Building Dashboards

Exercise 28: Sales Dashboard

Exercise 01: Interactive Dashboard

# Tableau Essentials 2

## Introduction

Review of Tableau Essentials 1 Concepts

### Section A: A Quick Build

*Concept: Types of Calculations*

Exercise 01: Mix Row & Aggregate

### Section B: Parameters

*Concept: Parameters*

Exercise 02: Top N with Context

Exercise 03: Top N with Rank

Exercise 04: Parameter w/ Case

### Section C: Geocoding

*Concept: Geocoding*

Exercise 05: Spatial

Exercise 06: Background Images

### Section D: Table Calculations

*Concept: Working with Table Calcs*

Exercise 07: Compute Using

Exercise 08: From Scratch

### Section E: LODs

*Concept: LODs*

*Concept: Order of Operations*

*Concept: Filter Order of Operations*

Exercise 09: Average City Sales per State

Exercise 10: Customer Order Frequency

### Section F: Merging Data

*Concept: About Joins*

Exercise 11: Joining

*Concept: About Blending*

Exercise 12: Blending

*Concept: About Unions*

Exercise 13: Unions

*Concept: About Relationships*

Exercise 14: Relationships

### Section G: Extracts

*Concept: Extracts*

Exercise 15: Creating an Extract

### Section H: Dashboarding

Exercise 16: Sales Summary