

**Tableau Workshop: Level of Detail Calculations**

**Course Number:** TABWS-106
**Duration:** 0.25 days

**Overview**

Level of Detail calculations are necessary to understand to create advanced calculations in Tableau. This 90-minute Tableau workshop teaches the Tableau user why these types of calculations are often needed, when to use them, and how to choose the correct LOD for the analysis.

**Prerequisites**

All students must have experience building charts and writing calculations in Tableau.

**Materials**

Attendees receive a copy of the instructor’s presentation in electronic format.

**Software Needed on Each Student PC**

* Tableau Desktop
* Microsoft Excel 2016 or later
* Internet access
* Related data and lab files that Accelebrate would provide

**Objectives**

* Calculate based on dimensions in view
* Understand what a LOD calculation is
* Identify the different types of LOD calculations
* Work with a LOD
* Understand the types of LODs, syntax, use cases, order of operations, and more

**Outline**

* How does Tableau calculate based on dimensions in view?
* What is a LOD calculation and why do I need to learn it?
* What are the different types of LOD calculations?
* How does a LOD work?
* Types of LODs, Syntax, & Use Cases
	+ Fixed LODS
	+ Include LODs
	+ Exclude LODs
	+ Table-Scoped LODs
* How Tableau’s order of operations affect LODs
* Cautions and Limitations when using LODs