## Module 1: ETL & Demo Data

What is ETL?

About the Demo Data

A Brief Tour of Tableau Prep Builder

Running a flow from the command line

# Part I: Extract

## Module 2: Connecting to Data

Connecting to Data

Connect to SQL Server

Working with Tableau Data Extracts

Working with File-Based Data Sources

Connecting to Microsoft Access

Connecting to Microsoft Excel

Connecting to PDF Files

Connecting to Text Files

Lab 2: Connecting to Data

## Module 3: UNION Joins

UNION Joins

Aligning Fields

Wildcard Union Joins

Lab 3: UNION Joins

## Module 4: Joins

What is a Table?

Keys

Equijoins

Inner Joins

Left Joins

Right Joins

Outer Joins

The Shape of Your Data

Finding Missing Records

Lab 4: Joins

# Part II: Transform

## Module 5: Auditing & Cleaning Your Data

Auditing Your Data

Merge and Clean

Calculated Fields

Splitting Fields

Handling NULL Values

Filtering Records

Lab 5: Auditing and Filtering

## Module 6: Group and Replace

Group and Replace

Grouping by Pronunciation

Grouping by Common Characters

Grouping by Spelling

Lab 6: Group and Replace

## Module 7: Aggregating and Pivoting Data

Aggregating Data

Pivoting/Unpivoting Data

Lab 7: Aggregating & Pivoting

# Part III: Load

## Module 8: Output

Outputting to files

Lab 8: Output

## Module 9: Prep Builder Conductor and Publishing Workflows to Tableau Server

Tableau Prep Conductor

Publishing Workflows to Server (Discussed)

Scheduling Workflows on the Server (Discussed)