TEKNION
data solutions

TRAINING
CATALOG

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INTRODUCTION:

In order for the knowledgeable employee to get the most value out of their data, they must have the skills to leverage the powerful tools at their disposal. We believe one way to empower our customers is by delivering world-class training for the technology platforms we re-sell and implement.

Our trainers are consistently ranked among the highest in the industry and whether you have a team of hundreds or are a one-person show, we offer what you need to get up to speed on Alteryx, DataRobot, Snowflake, Tableau, WhereScape and Validatar.

TEKNION'S UNIQUE APPROACH TO TRAINING:

- Modular, flexible, customizable training; designed to meet the needs of our clients

- Our trainers are subject matter experts and trained in best-in-class training deliver methodologies

- Utilizing client sites, our in-house training facility or virtual training to accommodate the needs of our clients

- Comprehensive course materials available for each course

OUR AWARD-WINNING TRAINING QUALIFICATIONS:

- Tableau: Tableau Services and Training Partner of the Year

- WhereScape: Only U.S. Platinum Partner; 2X U.S. Partner of the Year

- Alteryx: Premier Partner; 2017 North American Partner of the Year

- Two (2) Tableau Zen Masters on Staff

- One (1) Alteryx ACE on Staff

- Two (2) Published Authors: Josh Milligan & David Baldwin

- Over 300+ teaching days delivered each year

TABLEAU-AUTHORIZED TRAINING PACKAGES:

Teknion is certified to conduct training on all Tableau Desktop curriculum offered by Tableau Software. Here are the official Tableau training classes we offer:

Tableau Desktop I – Fundamentals:

In this 2-day course you will learn Tableau concepts from the ground up. The course begins by teaching you how to create different types of visualizations and culminates in combining those visualizations on interactive dashboards. Along the way you will learn essential concepts that will provide a foundation for future Tableau growth.

You Will Learn How To:	Chart Types Covered:
 • Connect to your data • Edit and save a data source • Understand Tableau terminology • Use the Tableau interface/paradigm to effectively create powerful visualizations • Create basic calculations including basic arithmetic calculations, custom aggregations and ratios, date math, and quick table calculations • Build dashboards to share visualizations.	• Cross Tabs • Pie and Bar Charts • Geographic Maps • Dual Axis & Combo Charts with Different Mark Types • Heat Maps • Highlight Tables • Tree Maps • Scatter Plots

Tableau Desktop II – Intermediate:

In this 2-day course, you will enhance your Tableau skills by learning more advanced visualization types and calculations as well as how to overcome challenging data
problems. The course culminates in learning various dashboard and story techniques for creating a truly rich interactive environment.

You Will Learn How To:

- Build advanced chart types and visualizations

- Build complex calculations to manipulate your data

- Use statistical techniques to analyze your data

- Use parameters and input controls to give users control over certain values

- Implement advanced geographic mapping techniques and use custom images and geocoding to build spatial visualizations of non-geographic data

- Prep your data for analysis

- Combine data from multiple tables in the same data source using joins

- Make your visualizations perform as well as possible using the Data Engine, extracts, and efficient connection methods

- Build better dashboards using techniques for guided analytics, interactive dashboard design, and visual best practices

- Implement efficiency tips and tricks.

Tableau Desktop III – Advanced:

In this 2-day course you will explore concepts that will give you true mastery of Tableau. These concepts include advanced chart types and calculations; including, a deep dive into table calculations and LOD calculations.

You Will Learn How To:

• Apply advanced calculations to gain additional insight into your data	• Use Tableau techniques to address common business use cases
• Incorporate advanced chart types into your analysis	• Format your visualizations and dashboards for maximum impact
• Apply advanced dashboarding techniques	• Real world business scenario examples
• How to use calculations, parameters, and table calculations in tandem	

Tableau Desktop I & II – Accelerated:

This fast pace, intense course, compresses the four days of material covered in Desktop I and Desktop II into a 3-day course. It is designed for the student who desires to quickly gain mastery in a challenging yet supportive environment. See the above descriptions for Desktop I and II for more details.

Visual Analytics:

This 2-day course is best-practice oriented. The first day covers the theory of visual analytics and the second day focuses on practical application. Although targeted for experienced Tableau users, this course can be very effective for teaching non-Tableau users' visual analytic principles.

You Will Learn How To:

- Describe the history, theory, and science behind data visualization, and how all this is built into Tableau's DNA.

- Engage in the data analysis process including everything from planning your line of questioning to reviewing and communicating your findings.

- Use some basic principles of human visual perception and cognition in your chart design

- Critique charts and dashboards and offer suggestions for improvement

Tableau Prep – Intermediate:

This 2-day course will teach you how to prepare your data with Tableau Prep for Tableau Desktop. It's designed for students with 3+ months experience in Tableau Desktop. The course will teach data concepts and how to create Tableau Prep flows for output to Tableau Desktop for analysis purposes.

You Will Learn How To:

• Shape your data for maximum effectiveness with Tableau Desktop • Learn Tableau Prep terminology • Explore and cleanse data	• Create work flows that address real-world scenarios • Combine data using joins, blends, and unions.

Tableau Web Authoring – Fundamentals:

This 1-day course will provide you with the knowledge to create views and dashboards using either Tableau Server or Tableau Online. You will learn how to navigate the web environment and examine core concepts and techniques.

You Will Learn How To:	Chart Types Covered:

• Understand the web authoring environment and terminology • Connect to saved data sources • Create calculations including basic arithmetic, custom aggregations and ratios, and quick table calculations. • Generate reference lines • Build dashboards to share visualizations	• Cross Tabs • Line Graphs • Bar charts • Geographic maps • Heat maps • Highlight Tables

Contact Us To Schedule
Your Tableau Training

WhereScape®

WHERESCAPE TRAINING PACKAGES:

WhereScape RED Training:

This 4-day course is designed to get a team ramped up on WhereScape RED as fast as possible. It covers a broad range of topics including: installation and configuration of RED, loading data, transforming data, managing and deploying a RED data warehouse, and best practices for using RED for data warehousing.

WhereScape RED + 3D Training:

This 5-day course incorporates an additional day of training on WhereScape 3D into the WhereScape RED training course outlined.

Contact Us To Schedule
Your WhereScape Training

alteryx

ALTERYX TRAINING & ENABLEMENT PACKAGES:

Training Packages:

Intro to Alteryx Training	Alteryx Analytical App Training	Alteryx Macro Training
Designed for users new to Alteryx, this two (2) day course provides a hands-on experience in building Alteryx workflows using easy to follow step-by-step instructions.	Designed for intermediate Alteryx users, this one (1) day course provides a hands-on experience in building Analytic Apps using step-by-step instructions	Designed for intermediate to advanced Alteryx users. This one (1) day class provides a hands-on experience to learn about and how to build Alteryx Macros in workflows.
2 - Days	1 - Day	1 - Day
Components:	**Components:**	**Components:**
• Intro to Alteryx Designer • Connect and join to various data sources and data types • Building work flows; transposing,	• Intro to Analytic Apps and Gallery • Intro to Designer App Builder interface tools • Transform workflows into analytical apps	• Discover Macro options available in Alteryx • Build Macros to streamline repeatable processes

summarizing, and grouping data	Testing and debugging apps	Design work flows to integrate Macros
• Report building and data output	• Uploading and sharing apps to Gallery	• Packaging and sharing Macros with others
• Packaging and sharing work flows with others	• Settings and configurations	

Quick Start Packages:

Alteryx Server Implementation Package	Jump Start Training Package	Enablement Package
2 - Days	2 - Days	3 - Days
Components:	**Components:**	**Recommended Utilization:**
• Permission configuration • Gallery & Schedules Tool Training • Installation & Configuration of Software • Publish Initial Workflow	• In-person Training • Includes Materials	• 2 days for in-person Training • 1 day for Mentoring & Office Hours

Enablement Plus Package	ROI Quick Win Package
6 - Days	15 - Days
Recommended Utilization:	**Recommended Utilization:**
• 2x2 days of Training • 2 days for Mentoring & Office Hours	• 2x2 days for in-person Training • 2 days for Mentoring & Office Hours • 9 days for a Quick Win Initiative Delivery

Solution Focused Packages:

Data Prep and Organization	Embedded Analytics	Organizational Enablement
Preparing Your Data to Drive Insights	*Sharing Data with Others*	*Extending Your Data Within the Organization*
Components:	**Components:**	**Components:**
• Prep workflows • Data Mart Development	• Embedded applications • Portal Development • API Integration	• Gallery App Development • Governance • Analytics COE • Training

Business Process Automation	Geospatial	Predictive

Simplify and Automate the Complex	Expanding Your Mapping Capabilities	Putting Your Data to Work to Predict Outcomes
Components:	**Components:**	**Components:**
• Automating Manual Workflows • Job Scheduling	• Implement Alteryx Data Packages • Location Analysis	• Feature Engineering Model • Model Development • Evaluation & Selection • Model Deployment

Custom Alteryx Training & Enablement:

Didn't see a package that exactly fits what you need? We can customize any of the Alteryx training and enablement packages to deliver the training and organizational enablement your company needs to get you started on the path to better insights from your data.

Contact Us To Schedule Your Alteryx Training

CUSTOM ENABLEMENT SOLUTIONS:

Teknion specializes in helping clients increase their speed to insights by helping them configure, deploy and monitor new technology platforms you are bringing into your data analytics stack.

Snowflake:

DataRobot:

Validatar:

If you need system integrations assistance for any of these technology platforms, please let us know.

Contact Us About Custom Enablement Assistance