uCertify

Course Outline

Learning Tableau 2019

04 Aug 2025

1. Course Objective
2. Pre-Assessment
3. Exercises, Quizzes, Flashcards & Glossary

   Number of Questions
4. Expert Instructor-Led Training
5. ADA Compliant & JAWS Compatible Platform
6. State of the Art Educator Tools
7. Award Winning Learning Platform (LMS)
8. Chapter & Lessons

   Syllabus

   Chapter 1: Introduction

   Chapter 2: Taking Off with Tableau

   Chapter 3: Working with Data in Tableau

   Chapter 4: Venturing on to Advanced Visualizations

   Chapter 5: Starting an Adventure with Calculations

   Chapter 6: Diving Deep with Table Calculations

   Chapter 7: Making Visualizations That Look Great and Work Well

   Chapter 8: Telling a Data Story with Dashboards

   Chapter 9: Digging Deeper - Trends, Clustering, Distributions, and Forecasting

   Chapter 10: Cleaning and Structuring Messy Data

   Chapter 11: Introducing Tableau Prep

   Chapter 12: Advanced Visualizations, Techniques, Tips, and Tricks

   Chapter 13: Sharing Your Data Story

   Videos and How To
9. Practice Test

   Here's what you get

   Features
10. Post-Assessment

1. Course Objective

Learning Tableau 2019 course and lab will help you gain an understanding of Tableau concepts and methodologies. Lab simulates real-world, hardware, software, and command-line interface environments and can be mapped to any text-book, course, or training. With this Tableau training, you will be able to work with the updated features, such as set actions and transparent views. You can create visualizations with Tableau along with bar charts, treemaps, scatterplots, time series, and more.

2. Pre-Assessment

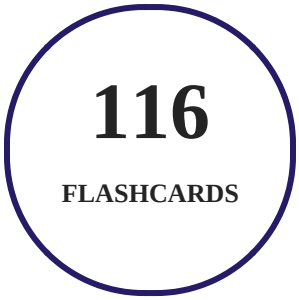
Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

3. Quiz

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.

4. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



5. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.

6. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

7. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

8. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

9. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
    1. Best Postsecondary Learning Solution

- **2015**
    1. Best Education Solution

2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**
    1. Best Virtual Learning Solution
    2. Best Education Cloud-based Solution
    3. Best College and Career Readiness Solution
    4. Best Corporate / Workforce Learning Solution
    5. Best Postsecondary Learning Content Solution
    6. Best Postsecondary LMS or Learning Platform
    7. Best Learning Relationship Management Solution

- **2017**
    1. Best Overall Education Solution
    2. Best Student Assessment Solution
    3. Best Corporate/Workforce Learning Solution
    4. Best Higher Education LMS or Learning Platform

- **2018**
    1. Best Higher Education LMS or Learning Platform
    2. Best Instructional Solution in Other Curriculum Areas
    3. Best Learning Relationship Management Solution

- **2019**
    1. Best Virtual Learning Solution
    2. Best Content Authoring Development or Curation Solution
    3. Best Higher Education Learning Management Solution (LMS)

- **2020**

1. Best College and Career Readiness Solution
2. Best Cross-Curricular Solution
3. Best Virtual Learning Solution

10. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: Introduction

- Who this course is for?
- What this course covers?
- To get the most out of this course
- Download the example code files
- Conventions used

Chapter 2: Taking Off with Tableau

- The cycle of analytics

- Connecting to data
- Foundations for building visualizations
- Visualizing data
- Putting everything together in a dashboard
- Summary

Chapter 3: Working with Data in Tableau

- The Tableau paradigm
- Connecting to data
- Managing data source metadata
- Working with extracts instead of live connections
- Tableau file types
- Joins and blends
- Filtering data
- Summary

Chapter 4: Venturing on to Advanced Visualizations

- Comparing values

- Visualizing dates and times
- Relating parts of the data to the whole
- Visualizing distributions
- Visualizing multiple axes to compare different measures
- Summary

Chapter 5: Starting an Adventure with Calculations

- Introduction to calculations
- Row-level calculations
- Aggregate-level calculations
- Level of detail calculations
- Parameters
- Practical examples of calculations and parameters
- Ad hoc calculations
- Performance considerations
- Summary

Chapter 6: Diving Deep with Table Calculations

- An overview of Table Calculations

- Quick Table Calculations
- Relative versus fixed
- Custom Table Calculations
- Practical examples
- Data densification
- Summary

Chapter 7: Making Visualizations That Look Great and Work Well

- Visualization considerations
- Leveraging formatting in Tableau
- Adding value to visualizations
- Summary

Chapter 8: Telling a Data Story with Dashboards

- Key concepts for dashboards
- Designing dashboards in Tableau
- Dashboard example – is least profitable always unprofitable?
- Designing for different displays and devices

- How actions work
- Dashboard example – regional scorecard
- Stories
- Summary

Chapter 9: Digging Deeper - Trends, Clustering, Distributions, and Forecasting

- Trends
- Clustering
- Distributions
- Forecasting
- Summary

Chapter 10: Cleaning and Structuring Messy Data

- Structuring data for Tableau
- Dealing with data structure issues
- Overview of advanced fixes for data problems
- Summary

Chapter 11: Introducing Tableau Prep

- Getting prepped to explore Tableau Prep
- Understanding the Tableau Prep Builder Interface
- Flowing with the fundamental paradigm
- Summary

Chapter 12: Advanced Visualizations, Techniques, Tips, and Tricks

- Advanced visualizations
- Sheet swapping and dynamic dashboards
- Mapping techniques
- Using background images
- Animation
- Transparency
- Summary

Chapter 13: Sharing Your Data Story

- Presenting, printing, and exporting
- Sharing with users of Tableau Desktop or Tableau Reader
- Sharing with users of Tableau Server, Tableau Online, and Tableau Public
- Summary

11. Practice Test

Here's what you get

50	50
PRE-ASSESSMENTS QUESTIONS	POST-ASSESSMENTS QUESTIONS

Features

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

12. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

You can’t stay away! Get in touch with our team to

3187 Independence Drive
Livermore, CA 94551,
United States

+1-415-763-6300

support@ucertify.com

www.ucertify.com