HealthDataViz
See how you're doing

This live virtual course is designed for the healthcare professional who works with data (regardless of technical or analytical background), with a beginner to intermediate Tableau skill level. Prior Tableau experience is not required. In this highly interactive course, students will learn how to connect to data, navigate the Tableau workspace, build basic data reports, create basic calculated fields, combine visualizations into interactive dashboards and much more.

The course is delivered through lecture with demonstration, followed by extensive hands-on practice with specific healthcare case studies in Tableau-ready workbooks. Healthcare data will be utilized for all course components. At the conclusion of this course students will be able to:

— Connect to data utilizing a variety of methods

— Effectively navigate the Tableau workspace layout – components, shelves, data elements, and terminology

— Effectively build insightful reports using a variety of visualization types

— Use the sort, group, bin, hierarchy, set, and filter options effectively

— Create and utilize calculated fields, table calculations, and parameters

— Use Trend Lines, Reference Lines, and statistical techniques to describe the data

— Work with the many formatting options to fine tune the presentation of your visualizations

— Effectively use table joins and data blending

— Combine visualizations into interactive, production-ready dashboards

— Describe options for sharing your visualizations with other

Day 1
- Introduction and data visualization best practices overview
- Overview of Tableau workspace
- Hands-on: introductory chart builds

Day 2
- Review: student rebuild of a prior day's chart
- Hands-on: basic chart builds, continued
- Hands-on: connecting to data

Day 3
- Review: student rebuild of a prior day's chart
- Hands-on: intermediate chart builds
- Hands-on: dashboard creation with interactivity

Day 4
- Review: student rebuild of a prior day's chart
- Hands-on: advanced skills
- Hands-on: data blending
- Report Distribution

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SOFTWARE

Technology needed: Students need to have two screens: one to view the Instructor's step-by-step instructions; the other to follow along performing those step-by-step instructions using their Tableau software (a current version of Tableau Creator/Desktop or a trial version). The options for a secondary screen, along with the Student's primary computer/laptop, can be one of the following:

- Secondary computer monitor (aka dual monitor)
- Tablet/iPad
- Another computer/laptop
- TV screen (will require an HDMI cable connection)

Audio can be accessed via phone or computer microphone. A headset and webcam are recommended.

Software needed: Students need a current version of Tableau Creator/Desktop installed on their computer/laptop and Microsoft Excel. Tableau provides a free 14-day trial of the software (trial software cannot be downloaded more than once on a laptop/computer so be mindful of this time limit).

Course Instructor(s): Janet Steeger, M.Ed, RN, Cambria Brown, M.P.H. and Stephen Hurst, B.Eng are HealthDataViz Accredited Instructors and data visualization experts.

Schedule: The course meets daily over four days from 1pm to 4pm ET. **Day 1 Registration begins at 12:30pm to test and orient class to technology.**

Class Size: We limit the class size to a maximum of 12 students.

Take-Aways: Students will receive:

- [Tableau for Healthcare](#) book to follow along with during the course
- Training data to practice the exercises after the course is completed

Have questions about this course? Contact us at info@healthdataviz.com.