This two-day workshop delivers hard-to-find, hands-on training in the best practices of data visualization for health and healthcare professionals. It's interactive, with a combination of lecture and small group case study activities, incorporating examples of actual healthcare data, and is designed to give you the tools you need to present your healthcare data so that your accurate, effective message is loud and clear.

**Day 1 – Communicating Health and Healthcare Data with Tables and Graphs**

Effectively communicating your data visually using tables and graphs is a skill, both technical and creative, to be learned and developed, like any other. Too often, the tables and graphs used to communicate health and healthcare data are poorly designed, at best failing to and at worst even incorrectly communicating the critical information used to measure performance, educate and inform patients, and identify the right opportunities for change and improvement to our health and healthcare systems.

**Day 2 – Dashboard Design for Communicating Health and Healthcare Data**

Properly designed, data dashboards have enormous potential to help health and healthcare professionals visually identify and monitor at a glance the most important information needed to think, reason and make informed health and healthcare decisions. Participants will be asked to bring a report(s) and/or dashboard(s) to work on in the workshop. Working in small groups and with the instructor's one-on-one help each participant will create a wireframe, which may be used to develop new report(s) and/or dashboard(s).**Day 1 is a prerequisite for our Day 2 Dashboard Design Workshop.**

### Learning Objectives

**When you complete day one you will be able to:**

- Name the leading innovators of the visual display of data and historical figures who have used graphs to address health concerns
- Explain mistakes that people make most frequently when displaying data in tables and graphs
- Describe different types of healthcare data
- List the characteristics of a table
- Identify what conditions determine the use of a table to display data
- Describe the characteristics of data that may be displayed graphically
- Explain when the use of a graph is the best medium to display healthcare data
- Identify the seven common relationships in graphs
- Create a graphical display of the data
- Correctly identify when to use tables or graphs for display of data

**When you complete day two you will be able to:**

- Define what a data dashboard is
- Describe common mistakes people make when they create a data dashboard
- Describe how to utilize visual perception principles in creating effective dashboard design
- Create a data dashboard from a case study
- Describe features of a well-designed data dashboard
- Describe factors that can be used determined the usability of a data dashboard
Workshop Information

**Workshop Instructor:** Katherine S. Rowell, M.S., M.H.A., Co-Founder and Principal for HealthDataViz

**Customization:** We can customize a select number of the workshop examples for your specific needs and the group exercises and case studies can be customized for your group. We currently include a wide array of healthcare examples and we will work with examples you send to us. All custom examples will be confidential and will only be shared with your group. **We require receipt of the reports you would like us to include no fewer than 30-days prior to the scheduled workshop.**

**Schedule:** The two-day workshop meets from 9:00 am to 4:00 pm.

**Class Size:** We limit the workshop to 20 participants.

**Contact Hours:** This activity has been approved by the Massachusetts Association of Registered Nurses, Inc., (MARN) to award six (6) contact hours each day. Massachusetts Association of Registered Nurses, Inc. is accredited as an approver of continuing nurse education by the American Nurses Credentialing Center’s COA.

**You will receive a copy of these books for your reference library:**
Visualizing Health and Healthcare Data (publication date September 2020) by: Rowell, Betzendahl & Brown

**Questions and Pricing:** Call Sandy at 617-653-6608 or email info@healthdataviz.com