tableau academic

Health & Healthcare Lunch and Learn

Presented by Sue Kraemer and Kathy Rowell

Agenda

- Introductions
- New Health and Healthcare Data Visualization Course
- Trends and Opportunities
- Q&A

Introductions

Sue Kraemer

Senior Data Skills Curriculum
Strategy Manager, Tableau

Katherine S. Rowell

Founder and Principal,
HealthDataViz

Health and Healthcare Data Visualization Course

Meet the Tableau for Teaching team

Sue Kraemer

Curriculum designer
Data Skills & Healthcare

Tyler Weldon

Curriculum designer
K-12 & Higher Ed

Arielle Gemza

Content Manager
Tableau for Teaching

Jessica Lyons

Teaching Program & Partnership Manager

Carmen Long

Academic Programs Teaching & Student Onboarding

More about our programs
Tableau.com/community/academic

Tableau Academic Curriculum Overview

Instructors at accredited academic institutions

- Curriculum free to use as instructors see fit

RESOURCES

Instructor Resource Page

CHECK IT OUT →

BLOG POST

New: Tableau Data Literacy Curriculum

READ MORE →

USER GROUP

Tableau for Teaching User Group

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Tableau Academic Curriculum Overview

- **Today's focus:** Health and Healthcare Data Visualization
- Data Literacy One
  - *Source for Data Literacy for All eLearning*
- Data Literacy Two
- Tableau Online Guide
- Data Visualization
- Intro to Data Journalism
- Tableau Desktop Training

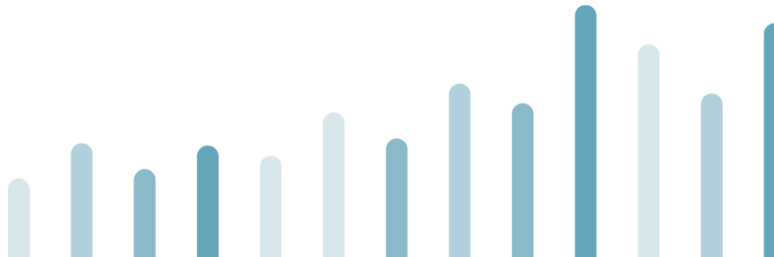
“Data visualization is becoming an increasingly common method of presenting large and complex data sets, but the principles of visual communication are not widely understood or practiced”

Source: National Institutes of Health (NIH)

Health and Healthcare Data Visualization Course

Course objectives

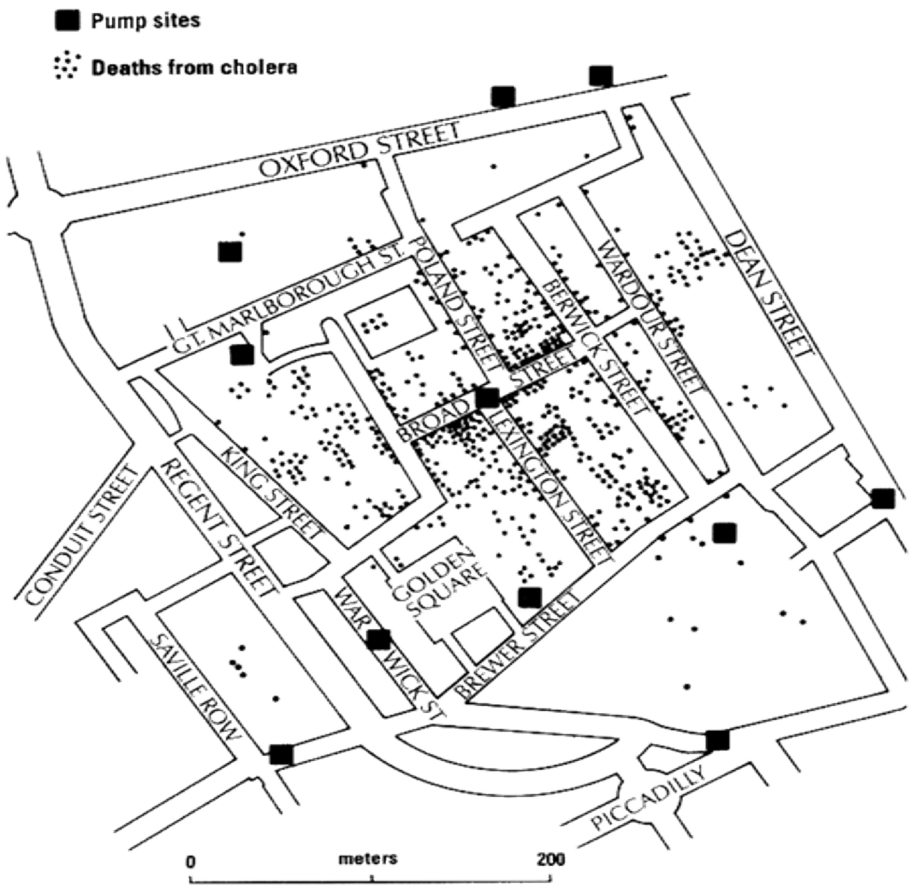
- Learn how to prepare health and healthcare data for analysis
- Ask good questions and make wise decisions using data
- Demonstrate proficiency in visualization best practices and methods
- Gain exposure to how Data Visualization is applied in health and healthcare fields.
- Communicate with data displays
- Gain experience using Tableau
- Apply data visualization methods to a health-related project and data set.



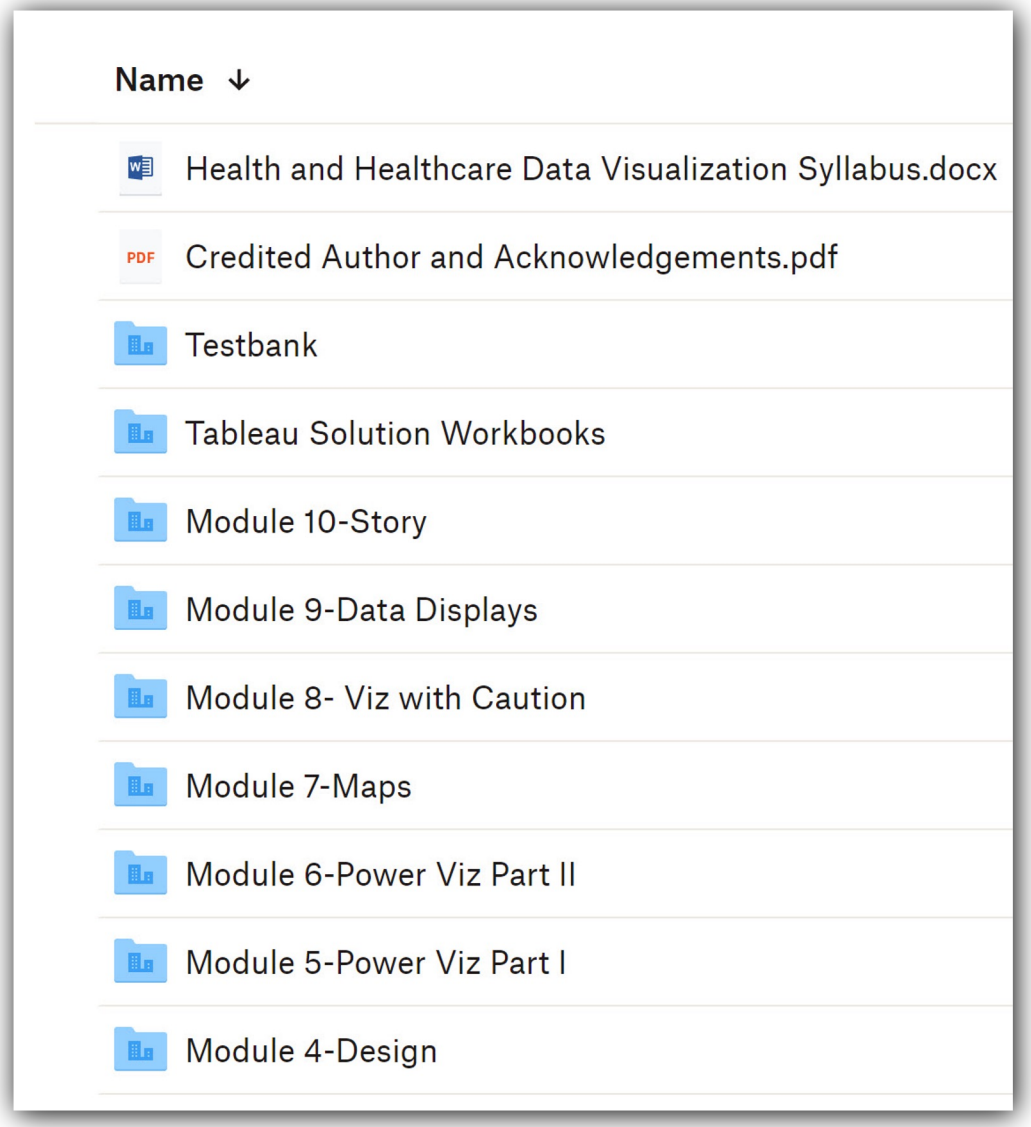
Health and Healthcare Data Visualization Course

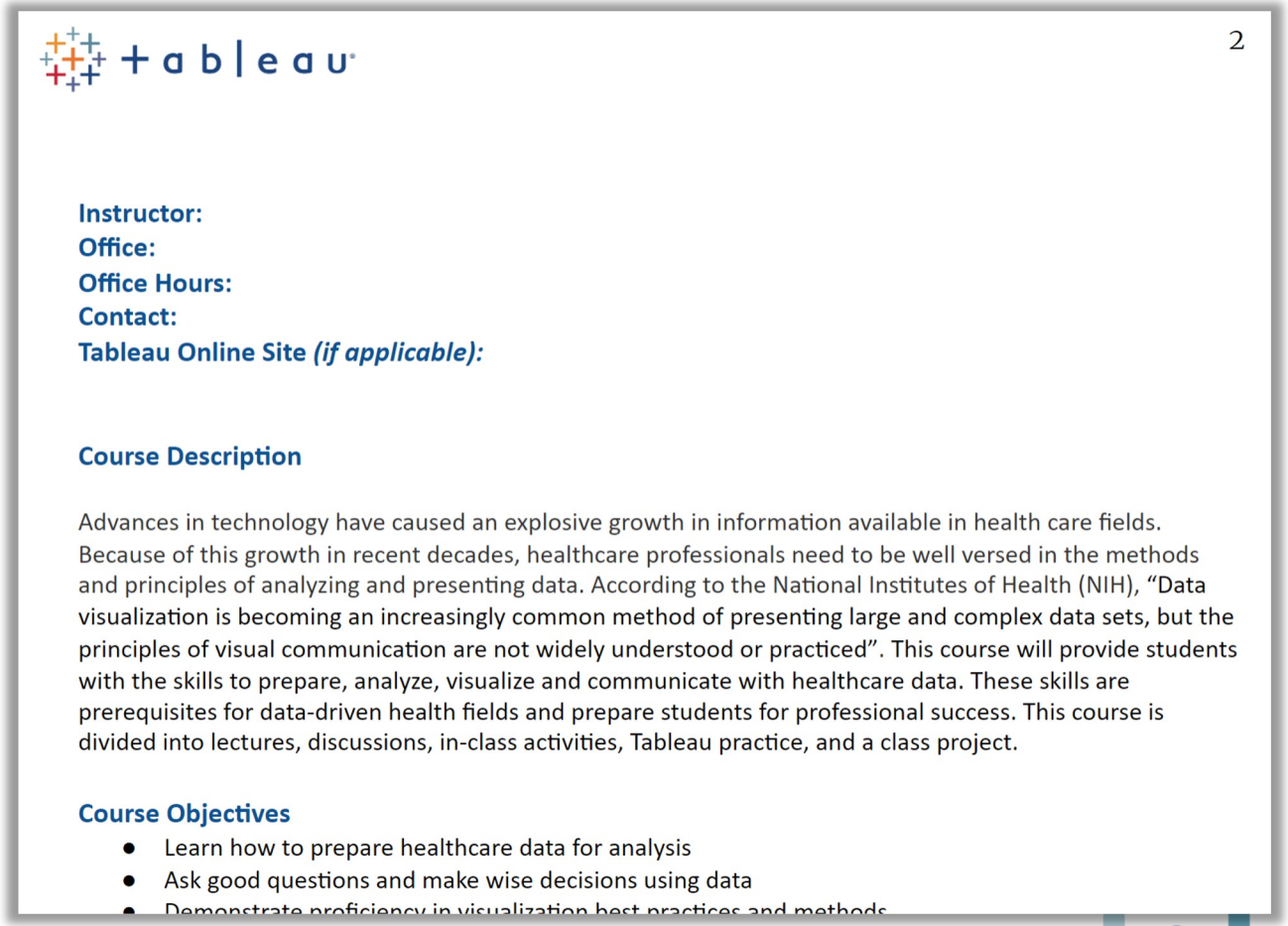
Modules

1. Introduction and history
2. Tableau and data basics
3. Describing and analyzing health and healthcare data
4. Design
5. Powerful vizzes, part I
6. Powerful vizzes, part II
7. Maps and exam 1
8. Viz with caution
9. Data displays
10. Presenting data story



Health and Healthcare Data Visualization





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Instructor:
Office:
Office Hours:
Contact:
Tableau Online Site *(if applicable):*

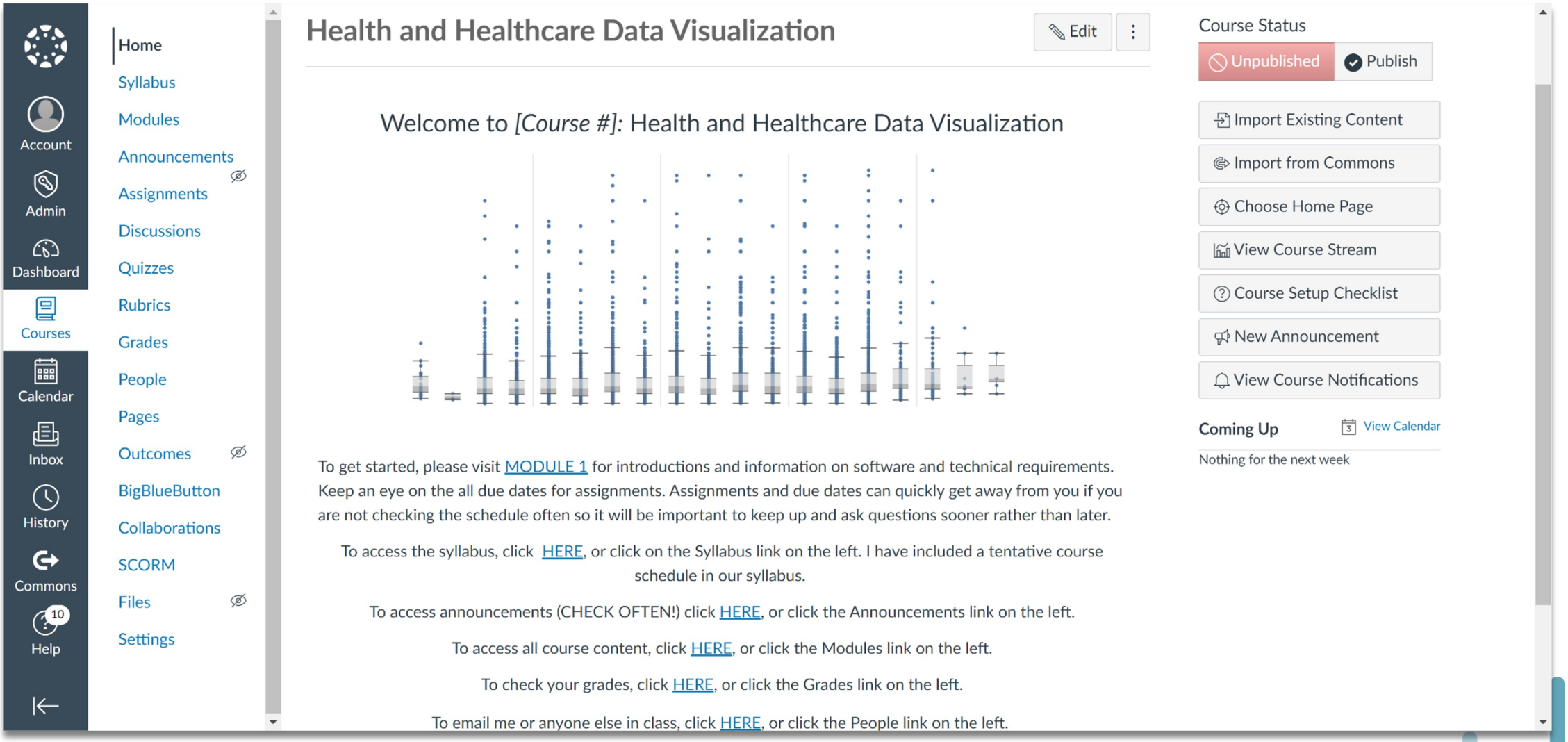
Course Description

Advances in technology have caused an explosive growth in information available in health care fields. Because of this growth in recent decades, healthcare professionals need to be well versed in the methods and principles of analyzing and presenting data. According to the National Institutes of Health (NIH), "Data visualization is becoming an increasingly common method of presenting large and complex data sets, but the principles of visual communication are not widely understood or practiced". This course will provide students with the skills to prepare, analyze, visualize and communicate with healthcare data. These skills are prerequisites for data-driven health fields and prepare students for professional success. This course is divided into lectures, discussions, in-class activities, Tableau practice, and a class project.

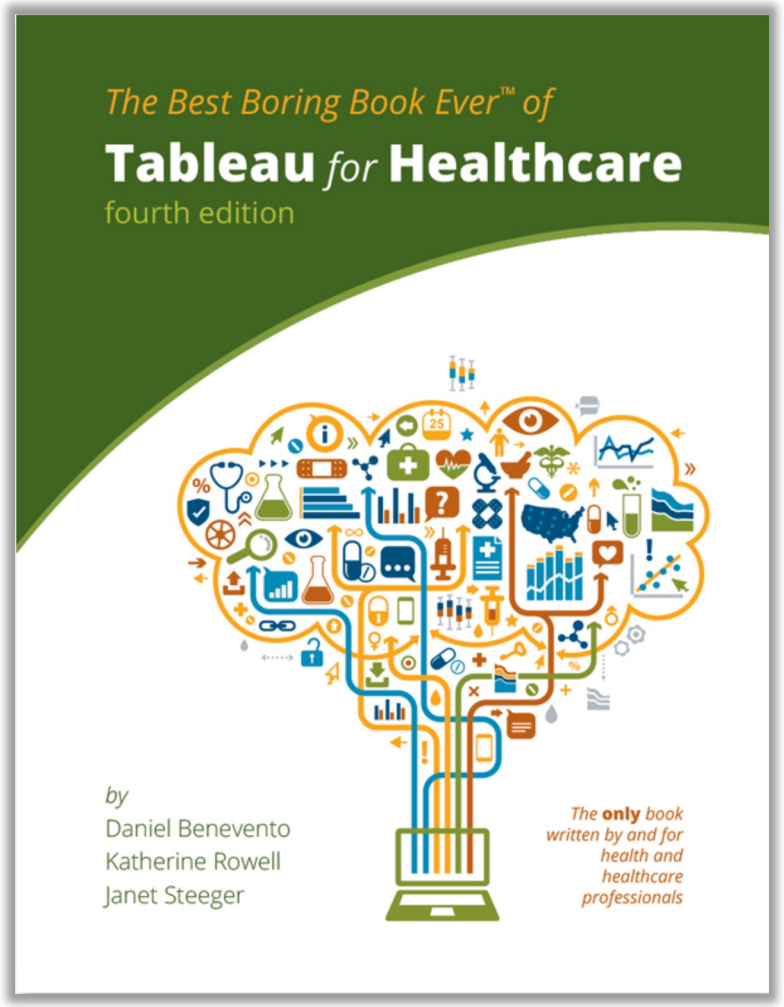
Course Objectives

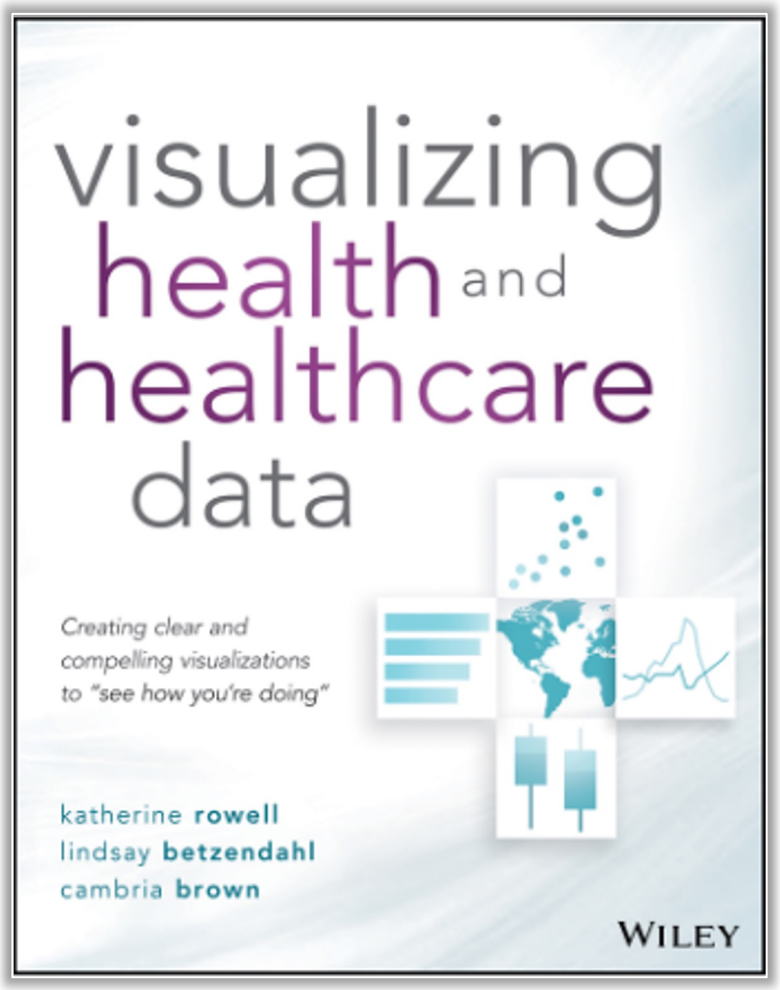
- Learn how to prepare healthcare data for analysis
- Ask good questions and make wise decisions using data
- Demonstrate proficiency in visualization best practices and methods

Canvas Version



Textbooks


The Best Boring Book Ever™ of
Tableau for Healthcare
fourth edition
by
Daniel Benevento
Katherine Rowell
Janet Steeger
The only book written by and for health and healthcare professionals


visualizing health and healthcare data
Creating clear and compelling visualizations to "see how you're doing"
katherine rowell
lindsay betzendahl
cambria brown
WILEY

Q&A

Thank you