

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](https://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

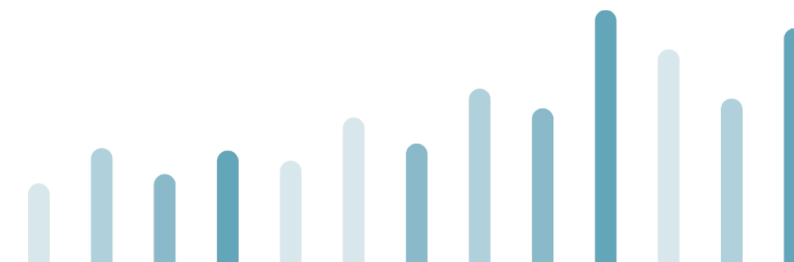
[Tableau for Teaching User Group](#)

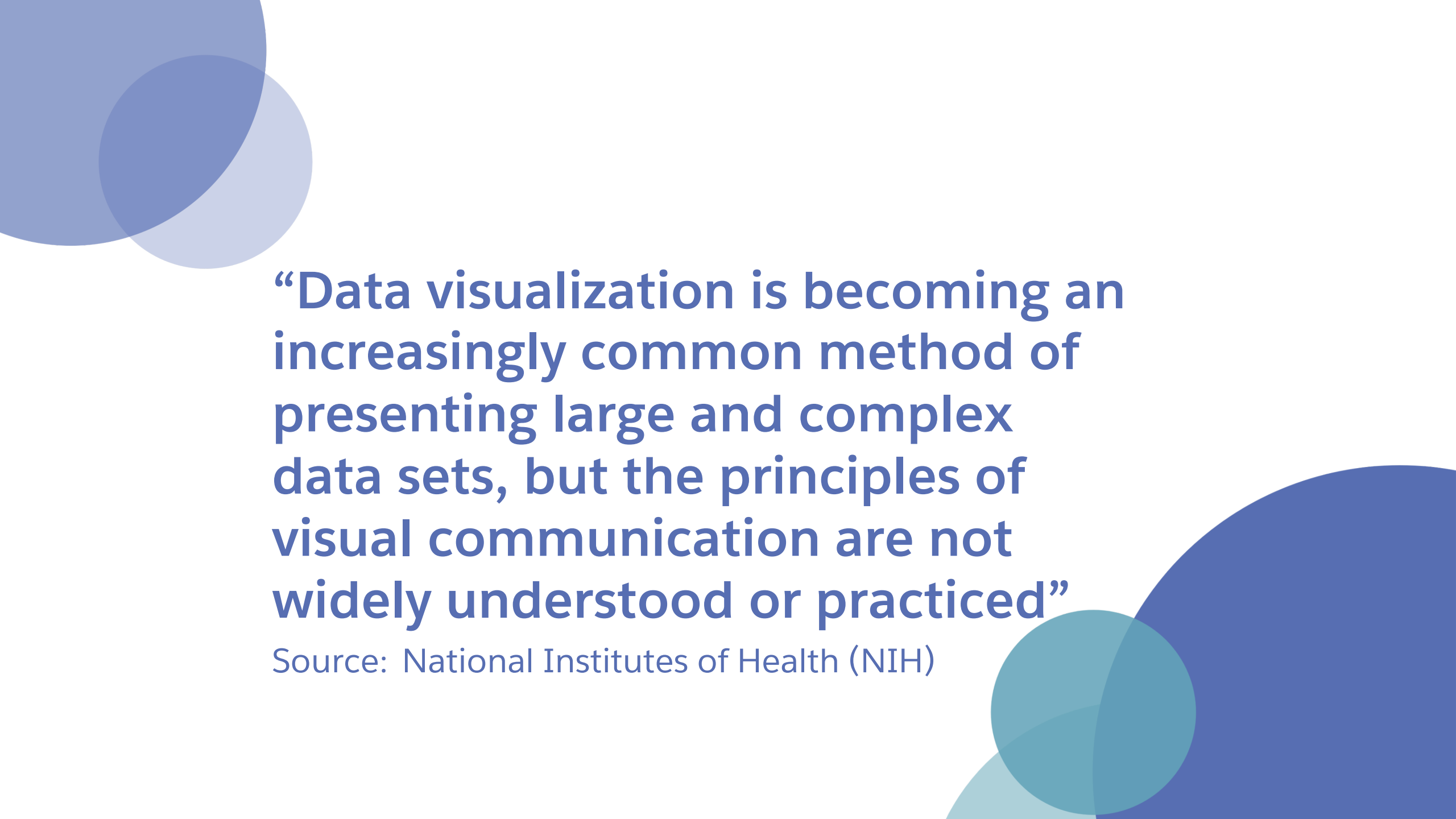
[JOIN TODAY](#) →

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





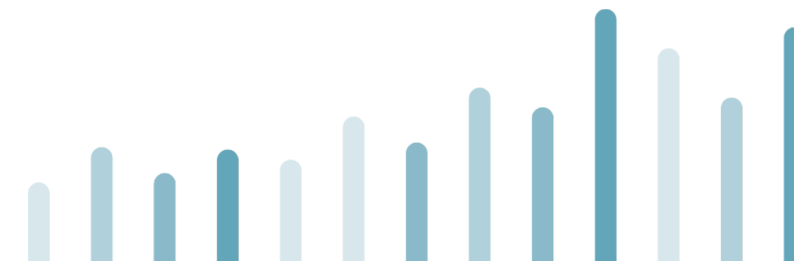
“Data visualization is becoming an increasingly common method of presenting large and complex data sets, but the principles of visual communication are not widely understood or practiced”

Source: National Institutes of Health (NIH)

Health and Healthcare Data Visualization Course + a b l e a u

Course objectives

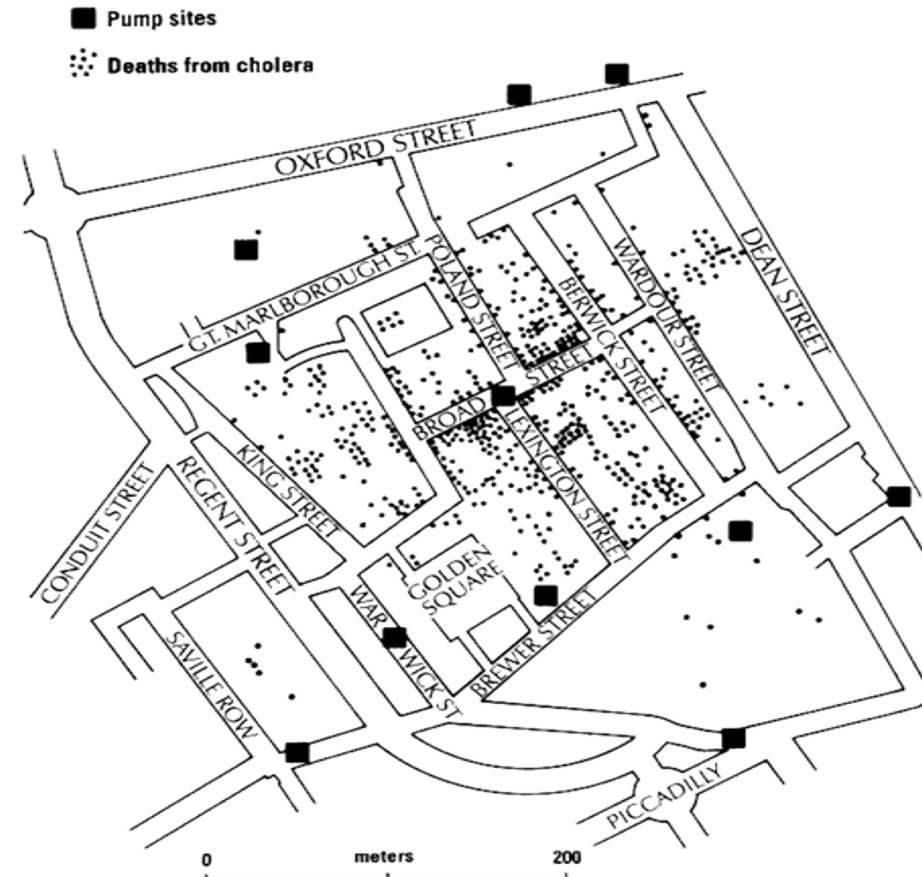
- Learn how to prepare health and healthcare data for analysis
- Ask good questions and make wise decisions using data
- Demonstrate proficiency in visualization best practices and methods
- Gain exposure to how Data Visualization is applied in health and healthcare fields.
- Communicate with data displays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





Name ↓


 Health and Healthcare Data Visualization Syllabus.docx

 Credited Author and Acknowledgements.pdf


 Testbank

 Tableau Solution Workbooks

 Module 10-Story


 Module 9-Data Displays

 Module 8- Viz with Caution

 Module 7-Maps

 Module 6-Power Viz Part II

 Module 5-Power Viz Part I

 Module 4-Design



2

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

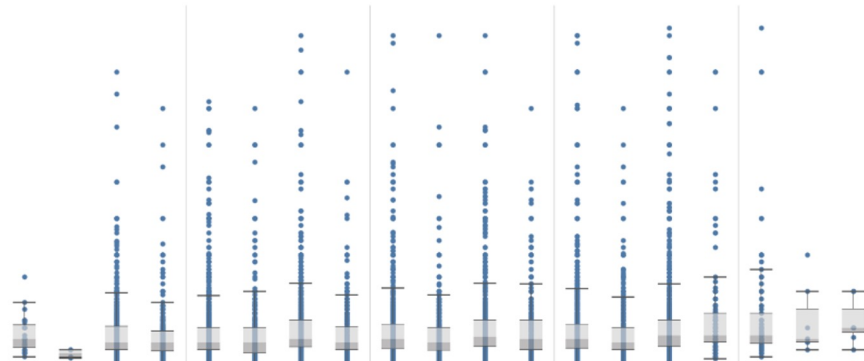
- Learn how to prepare healthcare data for analysis
- Ask good questions and make wise decisions using data
- Demonstrate proficiency in visualization best practices and methods

Canvas Version



Health and Healthcare Data Visualization

Welcome to [Course #]: Health and Healthcare Data Visualization



To get started, please visit [MODULE 1](#) for introductions and information on software and technical requirements. Keep an eye on the all due dates for assignments. Assignments and due dates can quickly get away from you if you are not checking the schedule often so it will be important to keep up and ask questions sooner rather than later.

To access the syllabus, click [HERE](#), or click on the Syllabus link on the left. I have included a tentative course schedule in our syllabus.

To access announcements (CHECK OFTEN!) click [HERE](#), or click the Announcements link on the left.

To access all course content, click [HERE](#), or click the Modules link on the left.

To check your grades, click [HERE](#), or click the Grades link on the left.

To email me or anyone else in class, click [HERE](#), or click the People link on the left.

Course Status

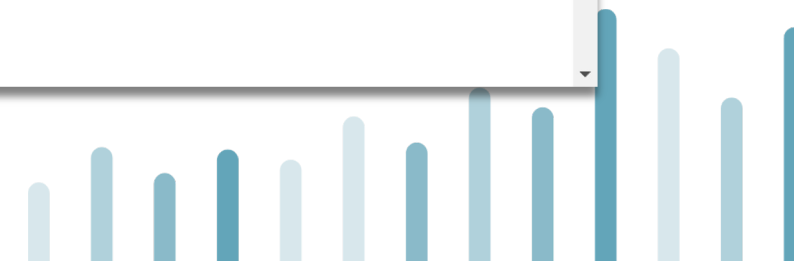
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Coming Up

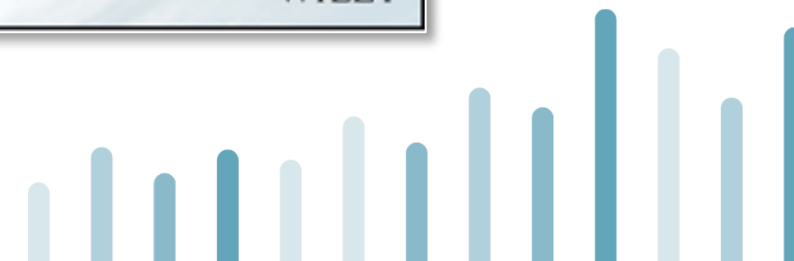
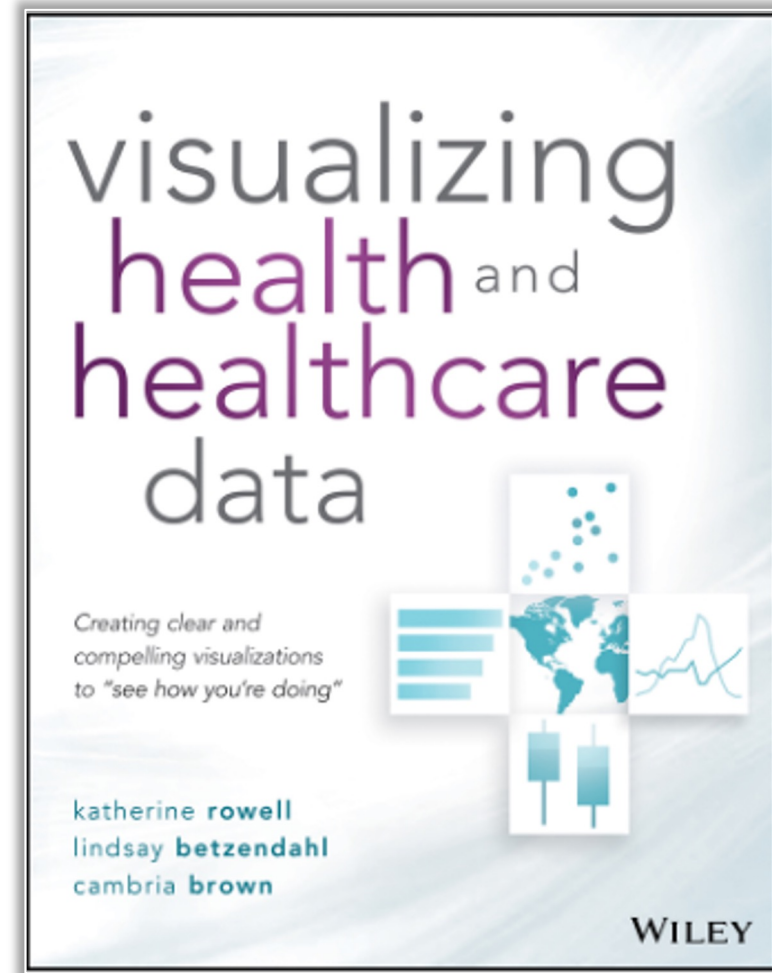
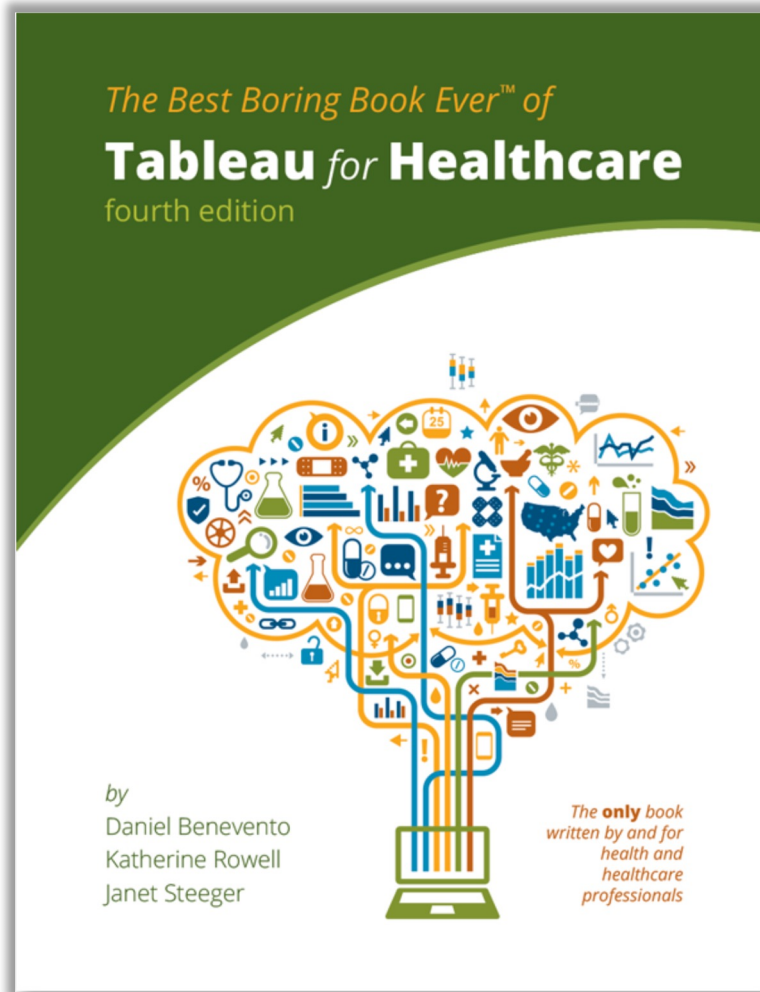
Nothing for the next week

- Home
- Syllabus
- Modules
- Announcements
- Assignments
- Discussions
- Quizzes
- Rubrics
- Grades
- People
- Pages
- Outcomes
- BigBlueButton
- Collaborations
- SCORM
- Files
- Settings

- Account
- Admin
- Dashboard
- Courses
- Calendar
- Inbox
- History
- Commons
- Help



Textbooks



Q&A





Thank you

