

## **Health and Healthcare Data Visualization**

Ten modules that will provide students with the skills to prepare, analyze, visualize and communicate with health and 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. **Also includes Canvas Course Export Package (imscc zip file).**

## **Data Literacy One Course**

**NEW: added Canvas Course Export Package (imscc zip file).** Ten modules are designed to provide students with an introduction to data literacy and quantitative skills. This course covers data fundamentals, statistical thinking, and how to communicate with data. The course content includes lectures, discussions, in-class activities, Tableau practice, test bank, and homework assignments.

## **Data Literacy Two Course**

Ten modules will provide students with the data literacy skills of visualizing and communicating data stories. The course covers visualization best practices, design fundamentals, presenting data stories, and data culture. This course content includes lectures, discussions, in-class activities, Tableau practice, test bank, and a class project.

## **Tableau Online Guide Document**

Tableau Online is a cloud platform where students can share their work and collaborate by uploading workbooks to a site managed by instructors. Tableau Online can help transition courses to a virtual environment. A single Tableau Online site can be used to manage multiple courses, multiple team projects, enable peer review, and can also be used to help evaluate student progress. The document guides instructors through setting up and using a Tableau Online Site.

## **Data Visualization**

A 10 week curriculum to cover the fundamentals and best practices of data visualization analysis. This course covers a broad range of topics with specific lectures on color, dashboard design, typography, and mapping data.

## **Tableau Desktop Training**

This modular curriculum is designed to teach basic and advanced Tableau functionality in any field of study. Topics include connecting to data, calculated fields, maps, and dashboards and stories.

## **Introduction to Data Journalism with Tableau**

This course is designed to teach an Introduction to Data Journalism with Tableau over a 10-week term. The modules are designed to be taught in a sequential order.

## **Social Media Analytics with Tableau**

A module outlining steps to analyze Twitter and Facebook data.