Data Visualization for Storytellers

Instructor: Peter Aldhous

Thursday, January 7, 2016

Morning

- We'll discuss basic principles and concepts of data analysis and visualization. You'll learn about the different ways in which data can be encoded visually – and their strengths and weaknesses.

- We'll review various chart types, and when to use them. You'll also learn why these choices work – which depends on how our brains process visual information.

- We will cover good practice in information design, including effective annotation, use of color, and minimizing "chart junk."

  Noon: Lunch on your own

Afternoon

- Having covered these principles, we'll apply these skills in hands on exercises to create some simple charts using Datawrapper and other tools

- Quiz on principles of data analysis and visualization.

Friday, January 8, 2016

Morning

- We'll explore how to display and "interview" data using Tableau Public during hands on exercises, making a variety of charts and interactive dashboards.

  Noon: Lunch on your own

Afternoon

- You 'll learn to create interactive online data-driven maps using Google Fusion Tables. We will make multiple map layers and combine them into a single web page.

- As time allows, we'll discuss other visualization resources, as you continue to build your skills.