CS-UY 3943 Information Visualization / FALL 2017

Class time: Tuesday 5:00PM-7:25PM; 2MT, 9th Floor, Rm 9.011

Professor: Enrico Bertini

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Office hours: Tuesday 7:30pm (after class), or by appointment on Fri

Syllabus: https://goo.gl/c46Ci2

Slides: https://goo.gl/ZUsjES

Videos: https://vimeo.com/manage/folders/43244

Week 1: What is InfoVis

Lecture slides: https://goo.gl/iTA5s2B
Class workbook: https://goo.gl/xmDazD
Class poll: https://poll.ly/#/LbQax5XK/LBN9OJJa
Quiz: https://goo.gl/forms/OuXeIfkG6p1syz12

Week 2: Data Abstraction

Lecture slides: https://goo.gl/XWnchL
Class workbook: https://goo.gl/mT1Em8
Quiz: https://goo.gl/forms/9QxNDMx5AEjzlKvg2

Week 3: Fundamental Graphs

Slides: https://goo.gl/ydSem8
Data set: https://goo.gl/vRtSeu
Videos:
  - Fundamental graphs (part 1)
  - Fundamental graphs (part 2)
  - Tableau tutorial (this is a recorded screencast, the one recorded in class was too low quality)
  - Review of the data abstraction assignment

Week 4: Fundamental Graphs and Data Transformation

Slides: https://goo.gl/ydSem8
Videos:
  - Review of main graphs
  - Alternative configurations of fundamental graphs
  - Data transformation
Assignment: https://goo.gl/Qtq3p5

Week 5: Visual Encoding

Slides: https://goo.gl/fEkcaG
Videos:
  - Review of Graph Design exercise (in class)
  - Review of Graph Design exercise (online)
  - Visual Encoding (Introduction)
  - Visual Encoding (Decoding Charts)