

Use and Abuse of Data: Critical Thinking in Science and Everyday Life

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MWF 2:00-2:50pm | KIDD 280 | Spring 2019 | CS 199



In this course, you will learn better ways to tell whether you should believe claims based on data!

We will discuss:

- * misleading visualizations
- * refuting faulty claims
- * statistical traps
- * publication bias
- * big data
- * fake news

You will learn to:

- Recognize weak and misleading claims about data in your daily life.
- Identify aspects of arguments about data that invalidate their conclusions – and describe why.

Some course material adapted from callingbullshit.org.

Prerequisites: No programming experience necessary. MATH 112 or equivalent recommended.