

COGS 9: Introduction to Data Science
Fall 2014 MWF 14:00-14:50 Warren Lecture Hall 2112

Instructor: Bradley Voytek (bvoytek@ucsd.edu)

Office hours: Mondays 15:00-16:30 (CSB 169)

Final exam presentation date: 2014 December 17 15:00-17:59

Grading: Assignments (15% each) + Final project (25%)

Date	Topic	Assignment Due
10-03	Hello world	
10-06	What is (are?) data?	Data science
10-08	Information and communication	
10-10	How data science informs cognitive science	
10-13	How to data science	
10-15	<i>Guest lecture</i>	
10-17	No class!	
10-20	Data science: the boring parts	Text analysis
10-22	Data science: the fun parts	
10-24	Data science: the fun parts II	
10-27	Making your play work	
10-29	Making everyone <i>else</i> do your work	
10-31	None of us is as smart as all of us	
11-03	How telephones revolutionized neuroscience	Crowd study
11-05	Shouting	
11-07	Silence	
11-10	Checking your work	
11-12	Bootstraps	
11-14	No class!	
11-17	<i>Guest lecture</i>	
11-19	The lack of pirates is causing global warming	
11-21	How being consistently better can be worse	
11-24	You're illiterate only if you're standing behind this line	Final project outline
11-26	The British Coast is infinitely long	
11-28	Thanksgiving - No class!	
12-01	You are what you tweet	
12-03	Automating science	
12-05	Data: The end of theory	
12-08	Visualizing 1,000,000 Facebook friends	Data problems
12-10	Telling stories	
12-12	Privacy in a data-driven world	