



Welcome!

Data Science Decal

Hosted by Machine Learning at Berkeley

Agenda

DSD Introductions

Class Logistics and FAQ

What is Data Science??

Docker Set Up

Jupyter Set Up

Python + Scikit Learn Boot Camp

DSD Introductions

Who are we?



Class Logistics and FAQ

- What's our goal for you?
 - Tackle data driven problems using fundamental and practical statistical and machine learning algorithms
 - This class is not meant to be "easy"
 - We want to provide a comprehensive guide to data analysis with the hope to prepare you for industry

- Attendance is mandatory and will be taken at every lecture
- You may miss up to 3 classes
- After your 3rd missed day of class, you will automatically be assigned a no pass

Yes there are grades

- 40% Homework
- 60% Projects
- Automatic "no pass" for insufficient attendance

- 4 Homework Assignments
 - Work in groups of 3-4
 - Assigned in between projects
 - 1 week timeline
- 3 Projects
 - Roughly one project per month
 - Will give you experience manipulating, analyzing, and modeling data
 - 2 week timeline

TBA (We're working on this... sit tight!)

Please don't email PIAZZA IS YOUR FRIEND!!!

Let's get started!

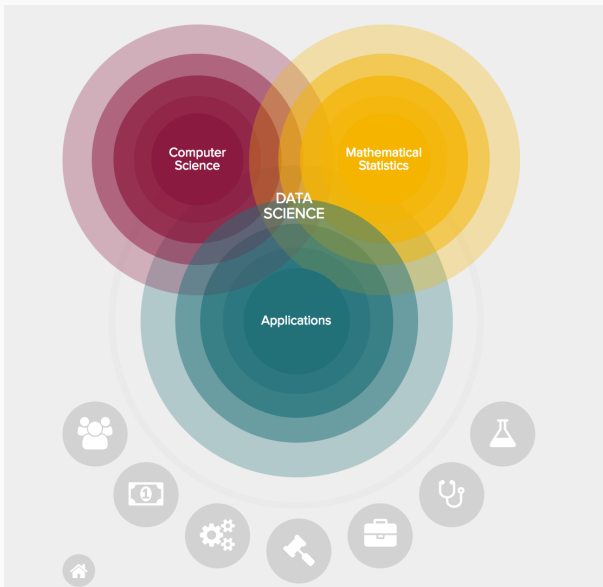


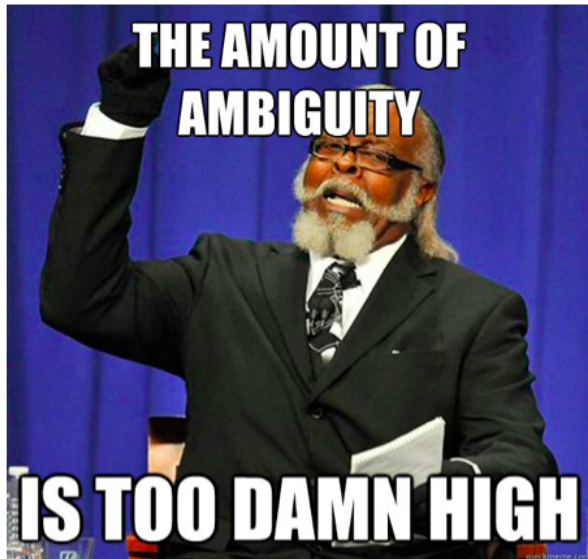
- go to github.com/mlberkeley/Data-Science-Decal-Fall-2017
- clone repo if you have git installed
- navigate to lecture 1
- let's get started!!!

What is Data Science??



Let's break this down





- The Entire Digital Marketing System
- Changing the field of medicine and health care
- Self Driving Cars
- SOOO much more!

Go to: tinyurl.com/ilovedsd

Docker Set Up

Jupyter Set Up

Python + Scikit Learn Boot Camp

Wooho 1 day down!