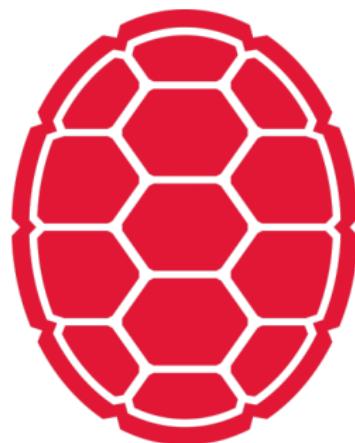


# Welcome to INST 808

Jordan Boyd-Graber

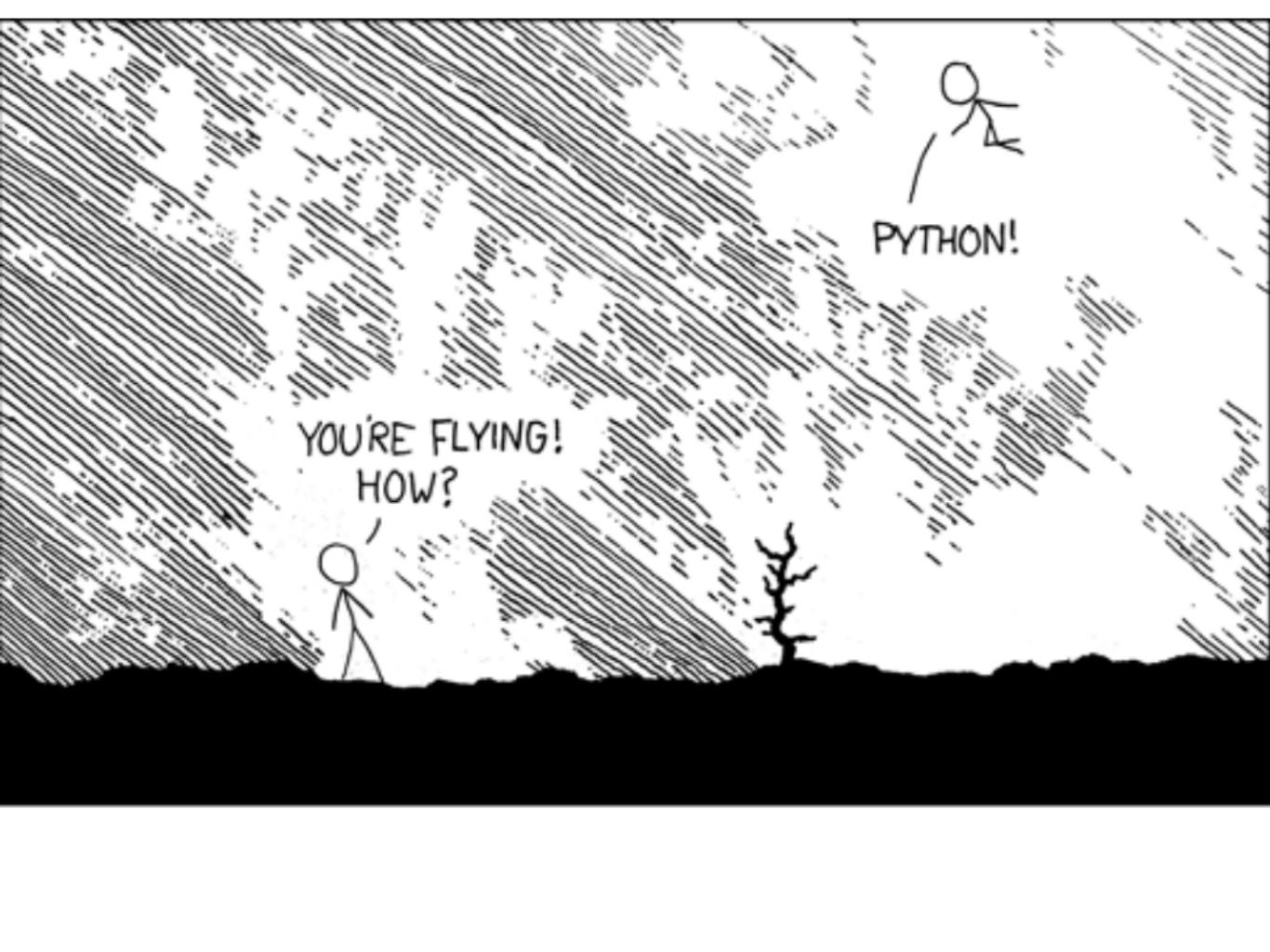
University of Maryland

Fall 2020



# Flipped Classroom





PYTHON!

YOU'RE FLYING!  
HOW?



I LEARNED IT LAST  
NIGHT! EVERYTHING  
IS SO SIMPLE!

HELLO WORLD IS JUST  
print "Hello, world!"

I DUNNO...  
DYNAMIC TYPING?  
WHITESPACE?

COME JOIN US!  
PROGRAMMING  
IS FUN AGAIN!  
IT'S A WHOLE  
NEW WORLD  
UP HERE!



BUT HOW ARE  
YOU FLYING?

I JUST TYPED  
import antigravity

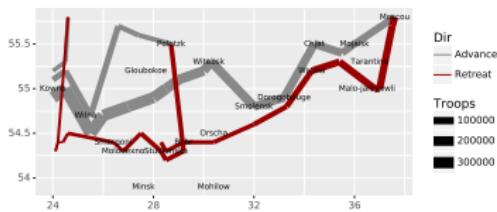
THAT'S IT?

... I ALSO SAMPLED  
EVERYTHING IN THE  
MEDICINE CABINET  
FOR COMPARISON.



BUT I THINK THIS  
IS THE PYTHON.

# What you'll be able to do

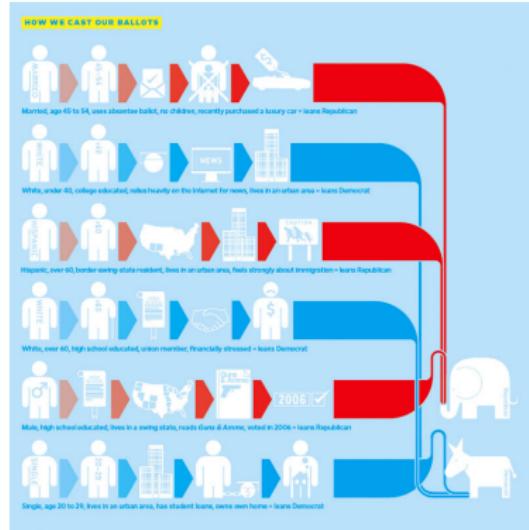
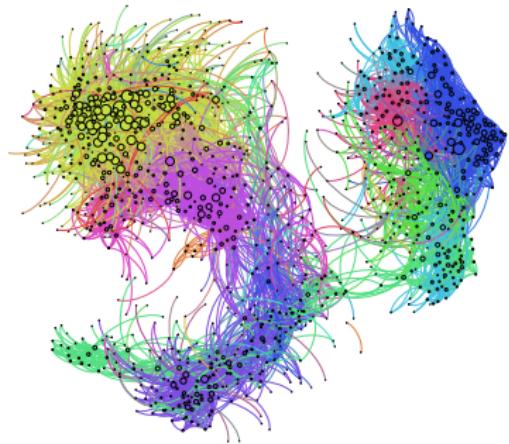


- Cluster data
- Classify data
- Extract information
- Transform data
- Visualize data
- Statistical tests
- Regression analysis

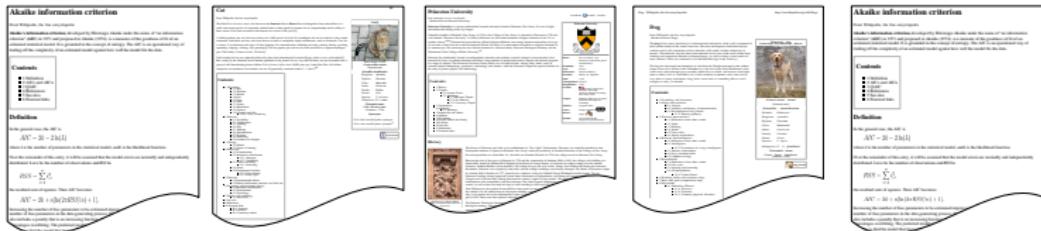




# Social networks



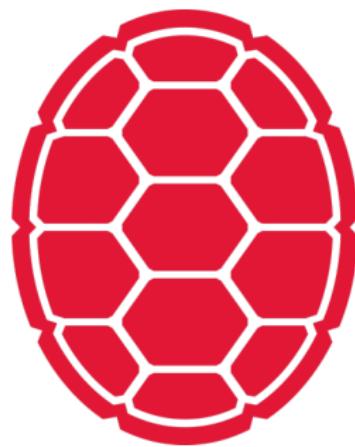
# Knowledge



## More Course Material

<https://go.umd.edu/jbg-inst-808>

# Courses, Lectures, Exercises and More



<http://boydgraber.org>