WELCOME TO
DEVC 127

DATA JOURNALISM FOR DEVELOPMENT

1S 2022-2023

RIKKI LEE MENDIOLA
Lecturer, DDJ
Section Head, Big Data Analytics Devt and
Innovation, Metro Pacific Tollways Corporation

today

quick intro

what to expect in this class

policies (aka boundaries)

mindsets

onboarding to-do's

quick intro

Hi, I'm Rikki!

Section Head, Big Data Analytics Devt and Innovation
Metro Pacific Tollways Corporation

- BS DC major in DJ, M IT
- Loves cats and analyzing things
- Working on big data, specializing in nlp
- Also a data janitor
- Research area: comm and tech

quick intro

I'm teaching the course with:

- Ai F. Macalintal, T
- Theia C. Araneta, AB
- Jeff D. Ragragio, B

pulse

- Go to menti.com

- Enter this code: 2046 5184

expectations on class delivery

- ✓ Fun and engaging, interesting and informative
- ✓ Combination of sync and async
- ✓ Recordings will be available
- ☐ Will adapt to whatever difficulties that may arise
- ✓ Hands on activities on handling data
- ☐ Easy to digest lessons
- ✓ Alleviate fear of numbers

expectations on course content

- ❏ Manage data, connect it to other devcom courses like thesis
- ❏ Packaging data for public consumption
- ❏ Real life application of data analysis
- ❏ Gain skill in interpreting data, extracting insights
- ❏ Improve writing skills
- ❏ Learn new tools and skills e.g. viz
- ❏ Hopefully, not overwhelming
- ❏ A lot of data stories as examples

what to expect

- This is a journ class with a side of statistics

- Tools, techniques, and approaches in data journ for dev

- Highly skills-based, very practical

- Pragmatic approach, data scientist's POV

- 2 hrs lecture, 3 hrs lab

what to expect

9

sync classes

2

fireside chats

2

live tutorials

7
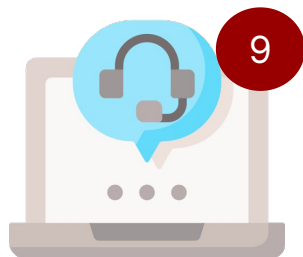
self-paced content

what to expect

At the end of the course, students are expected to be able to:

- Discuss data journalism in terms of its historical context, nature, similarities and differences with other forms of journalism, potentials and limits, and implications to journalists and news organizations;

- Explain tools, techniques, and approaches in data journalism;

- Visualize data as part of a story; and

- Write a development-oriented story based on data.

what to expect

Lecture Assessments (40%):

- Major output in the lecture: Records request project (70%), 1 discussion thread (30%)

Laboratory Assessments (60%):

- Exercise 1-3 will form the main output in the laboratory: Data Story (1-4 members)
    - Exercise 1: Data Journalism Project - 30%
    - Exercise 2: Cleaning, Filtering, and Analyzing data - 30%
    - Exercise 3: Putting the story together - 40%

what to expect

Optional Lecture Assessments: 10 pts bonus added to the lecture project

- Today in Data (4 pts)

- Data Cleaning (4 pts)

- End of Semester Quiz (2 pts)

what to expect

The Records Request Project

- Acquire a dataset from the government that is not available on their website or portal. Document every step of your request, every answer of the agency, transfer of units, until the final dataset you get.

- Submit your data and a short deck sharing your experience.

- This is 70% of your final lecture requirements. This may take you a few days or the whole semester.

- Deadline: End of the semester, final exams week (January 06)

policies
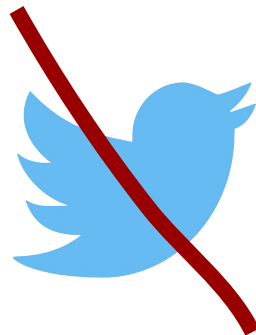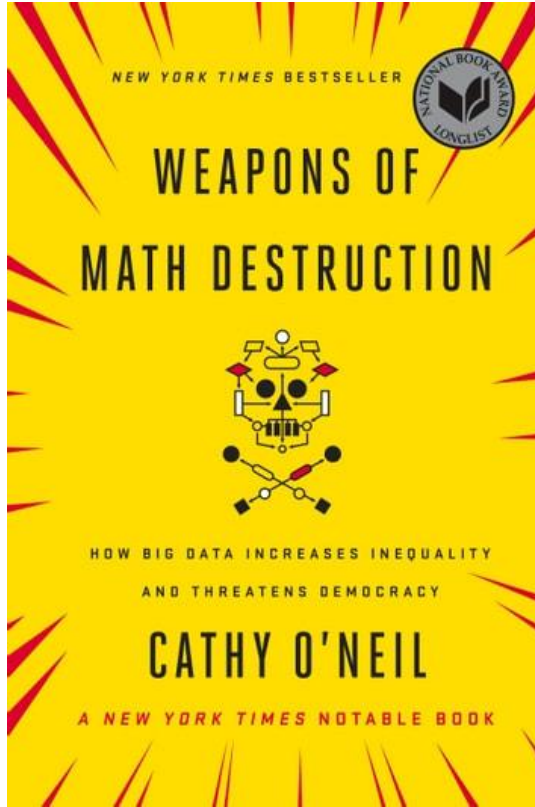
mindset

The math-powered applications powering the data economy were based on choices made by fallible human beings. Some of these choices were in no doubt made with the best intentions. Nevertheless, many of these models encoded human prejudice, misunderstanding, and bias into software systems that increasingly managed our lives.

- Cathy O'Neil, Weapons of Math Destruction

NEW YORK TIMES BESTSELLER

NATIONAL BOOK AWARD LONGLIST

WEAPONS OF
MATH DESTRUCTION

HOW BIG DATA INCREASES INEQUALITY
AND THREATENS DEMOCRACY

CATHY O'NEIL

A NEW YORK TIMES NOTABLE BOOK

mindset

- We live in datafied society. Everything can be represented in 0s and 1s, even complex problems and systems

- Working with data should start with asking the right questions
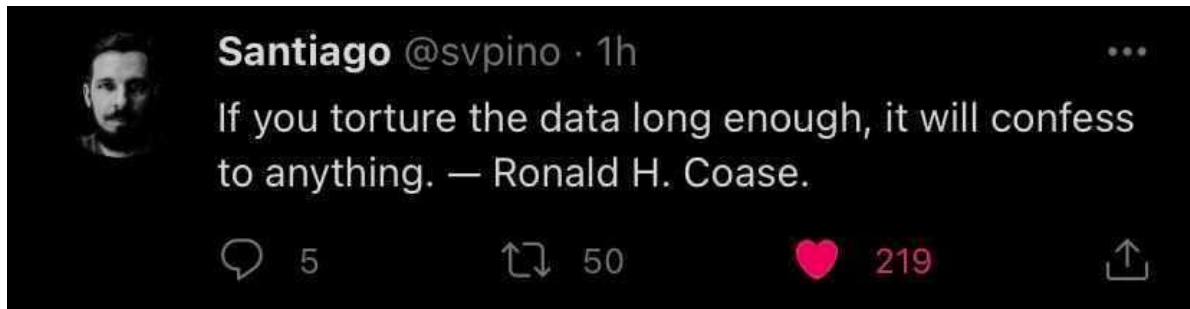
mindsets

When you put a lot of work into cleaning up and improving a data set and the result is worse

YOU WERE THE CHOSEN ONE

VIA 9GAG.COM

- Data is never clean—if it's too clean, it's *sus*

- 80% of the job is data janitorials

mindsets

Santiago @svpino · 1h
If you torture the data long enough, it will confess to anything. — Ronald H. Coase.

💬 5   ↻ 50   ❤ 219   ⬆

- Data is not Truth—you can lie with numbers
- Data can be both be accurate and misleading at the same time

mindsets

- The skills you will gain here can be applicable to a lot of areas like research, social marketing—basically anything with numbers

- Data in journ: tell stories, better questions, capture attention, create understanding

to-do's

- Answer DEVC 127 Student Info Survey:
  https://tinyurl.com/devc-127-student-info

- Add DEVC 127 Course Calendar to your GCal:
  https://tinyurl.com/devc-127-calendar

- Join the DEVC 127 Google Spaces:
  https://tinyurl.com/devc-127-google-space

Deadline: end of this week

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