

CS 7209 – Special Topics in Data Science

Spring 2023

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Homework 1. Deadline 1/19.

Listen to the following two videos:

Patrick Winston: How to Speak

<https://www.youtube.com/watch?v=Unzc731iCUY>

Cathy O'Neil: Weapons of Math Destruction

<https://www.youtube.com/watch?v=TQHs8SA1gpk>

For the first video, your task is to comment on how Patrick's suggestions apply to (a) Omar's presentation in class, (b) Ken's presentation in class and (c) Cathy's video. Your submission should describe those comments.

For the second video, imagine that you have written a survey paper on Weapons of Math Destruction. Your written submission should include:

- An abstract of about 200 words outlining the argument in the imaginary paper
- Citation counts for the assigned paper(s) (from Google Scholar and Semantic Scholar)
- A partial bibliography of 10-30 references of papers that would be appropriate to discuss in the imaginary survey

The point is to try to think about how other people would think about these issues. Too many people are too focused on their own immediate needs and their own perspectives, and not enough about how things will stand up to the test of time, from lots of different perspectives.

Many rock bands start out doing covers before they write their own music. We believe students should start out presenting covers of seminal papers before presenting their own research.

Deliverable: 1 document in pdf that contains the asks for videos 1 and 2.