

Legal Research in the Age of Black Lives Matter

Understanding algorithmic bias &
dismantling structural racism

Southerners: The slaves should count
for population for representatives

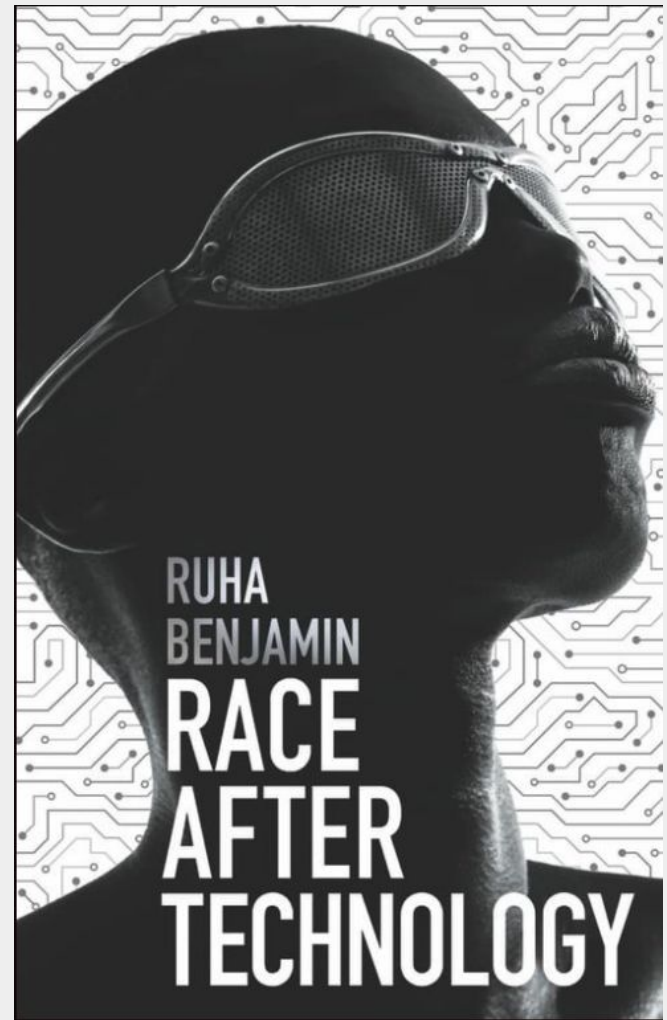
Slaves: So does that mean we're
people not property?

Southerners:



The “New Jim Code”

the use of big data and
algorithms in ways that
deepen existing
inequality and further
entrench them



FICO®



PREDICTIVE POLICING



The Allegheny Family Screening Tool

Predictive Risk Modeling in Child Welfare in Allegheny County

Critically examining machine learning algorithms

algorithms are tools that are

developed in a particular environment

for a particular purpose

Recipe for Machine Learning Algorithms

- 1) Tidy data
- 2) Choose a <statistical> model
- 3) Process your data (extract/convert/transform variables, i.e. stemming)
- 4) Sample: choose testing & training datasets
→ measure the fit of the model
- 5) Tune parameters: tweak models/metrics
- 6) Bundle the steps into a workflow and
- 7) Predict!



BLL-SIS IS PLEASED TO ANNOUNCE A 6-PART DATA SKILLS WORKSHOP SERIES FOR ITS MEMBERS.

April 16, 1:00 p.m. CDT – Introduction to Data (1-hour)

All workshops listed below are 2 hours long and start at 10:30
a.m. CDT, with a limit of 20 attendees.

April 23 – Data Organization in Spreadsheets

May 21 – OpenRefine

September 17 – MarcEdit

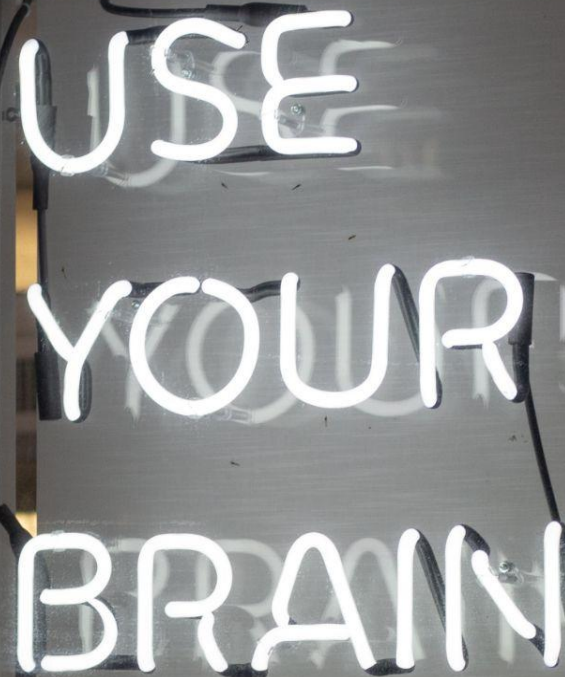
October 22 – UNIX Shell

November 19 – Webscraping

THESE WORKSHOPS WILL NOT BE RECORDED. LESSON MATERIALS ARE AVAILABLE ON THE LIBRARY CARPENTRY WEBSITE.
[HTTPS://LIBRARYCARPENTRY.ORG/LESSONS/](https://librarycarpentry.org/lessons/)

Get friendly with data by
learning to talk to computers
in the language(s) they
understand.





USE
YOUR
BRAIN



When the US Foreign Inter

Amount of phosphorous in
prescription medicines

Accurate historical weather data

Cause of June 2015 black church
fires

Global web user measurements that
include VPNs

Public list of citizens on

Quantifiable effect of
corruption in least economies

Smallest language spoken

Publicly available
gun trace data

Number of mosques
surveilled by FBI

Latinos in Florida prisons

Employment statistics that include

Nature American writing statistics

Disaggregating all white-collar workers
by gender and ethnic background

Number of wizards in

Accurate age information for

Number of Americans without bank

Public conservatives that have
engaged in homoerotic activity

Location-specific data on

Accurate birth registration

Demographics of all bitcoin
traders

Financial information for all

Number of jobs actually lost

Number of civilians killed
during Nigerian Civil War

Accurate number of car crashes
that occur in the U.S.

Full details on nationwide

Contact

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“What you do makes a difference, and you have to decide what kind of difference you want to make.”

--Jane Goodall