Writing Diasporic Cities Mapping Workshop
EMPIRICAL REASONING CENTER

• Who are we?
• How can we help?
• Where can you find us?
OBJECTIVES

Discover how maps can be useful tools for research, activism, or analysis.
Learn about resources available to us through the ERC and through Barnard/Columbia.
Learn how to create simple datasets and upload them to CartoDB.
Learn how to begin to use tools in CartoDB to display our data.
WHY DO MAPS MATTER

Knowledge is power.

http://www.antievictionmap.com/
What kinds of data/information are displayed on maps?
POPULATION DENSITY (NUMBER OF PEOPLE PER ACRE)

POINT LOCATIONS OF MARKETS

AVERAGE RENT OF THE MARKET.

TAKEAWAYS - DISPLAY DATA THROUGH COLOR VARIATION AS POLYGONS, POINTS, AND BY ADJUSTING THE SIZE OF DIFFERENT POINTS PROPORTIONALLY.
Explore the median household incomes in neighborhoods across the United States, based on the latest U.S. Census Bureau data.
HOW TO GET STARTED

• SOCIAL EXPLORER - gives you access to Census, American Community Survey, historical data, economic data...

• CARTODB - allows you to upload your own data, create interactive maps.
CARTO DB - CREATING AND DISPLAYING YOUR DATA

https://rachaeldott.cartodb.com/viz/9228ead8-71f1-11e5-a677-0e674067d321/public_map
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Latitude and Longitude from Google maps
This map presents the movements of Ifemelu and Obinze in Chimamanda Ngozi Adichie's novel *Americanah*. The bar in the bottom left moves through each chapter, visualizing where that character is presented at that point in the book, in memory and through space. This map attempts to visualize the novel's emphasis on memory, time, nation, and place in the depiction of Ifemelu and Obinze's relationship.
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LET’S GET STARTED.

• OPEN CARTODB AND CREATE AN ACCOUNT.
  https://cartodb.com/

• GO TO THE ERL WEBSITE AND OPEN THE DATASET FOR THIS WORKSHOP.
  https://erl.barnard.edu/writing-diasporic-cities-afrsx3065-mapping-workshop

DOWNLOAD THE DATA FROM GOOGLE FUSION AS A CSV, AND UPLOAD TO CARTODB DATASETS.