Mapping Inequality:

Redlining in New Deal America

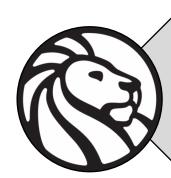


Project Manager: Lauren Schirle | Analytics: Sarah Agarrat | Platform Management: Justin Kim | Transcription: Karina Kletscher

OVERVIEW



This project focuses on data regarding redlining – the historic, federally recognized practice of grading neighborhoods and determining loan candidacy based on racial/ethnic presence, income-levels, and environmental problems.

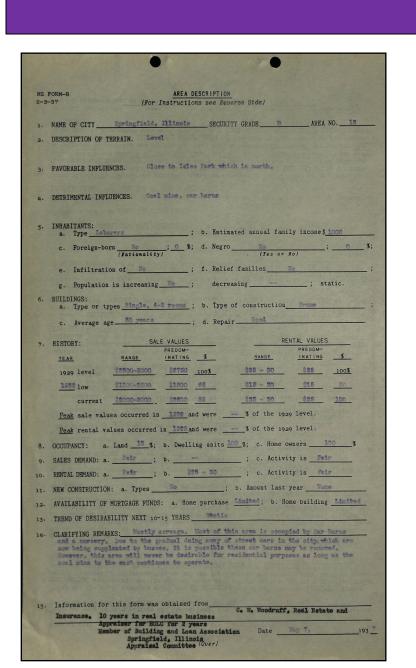


We are contributing to the design of publicly accessible and query-able databases by extracting and arranging data from digitized portions of the National Archives RG195: General Records of the Home Owners' Loan Corporation (HOLC). Currently we are utilizing a platform called Scribe for these transcription purposes.



Once data is aggregated, the goal is to provide both written and visual analysis of the information. This semester, we have used Baltimore records data as a case study in creating visualizations and interactive Jupyter notebooks for data cleaning, manipulation, and analytics

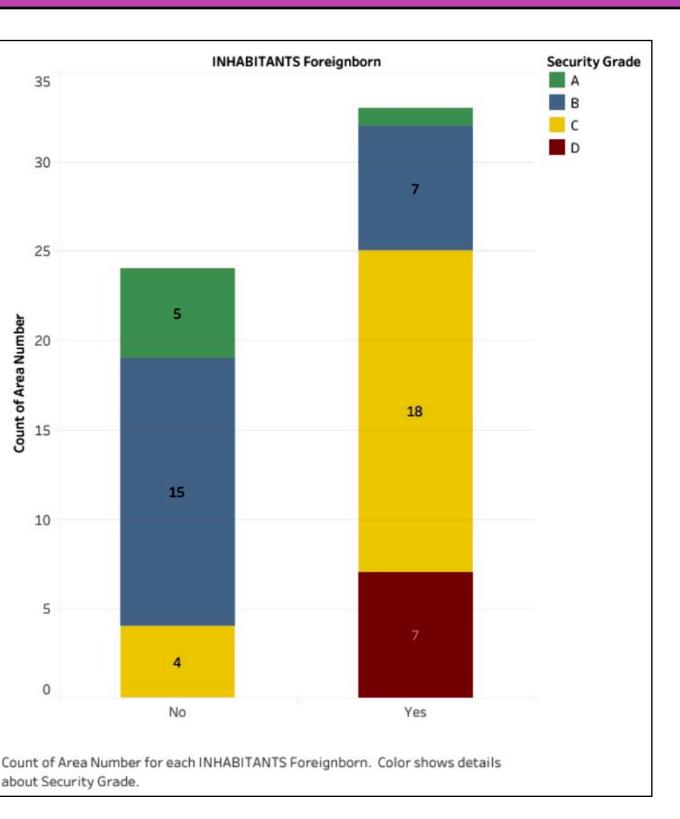
TRANSCRIPTION

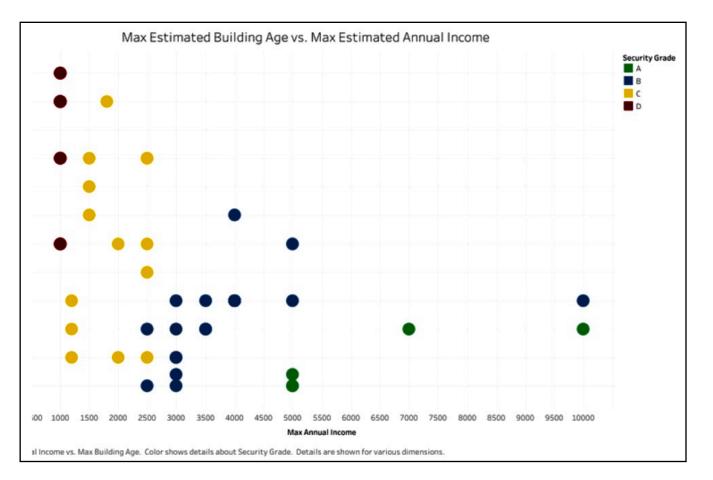


We completed transcription of records from Springfield, IL – like this one to the left – using the Scribe interface below.

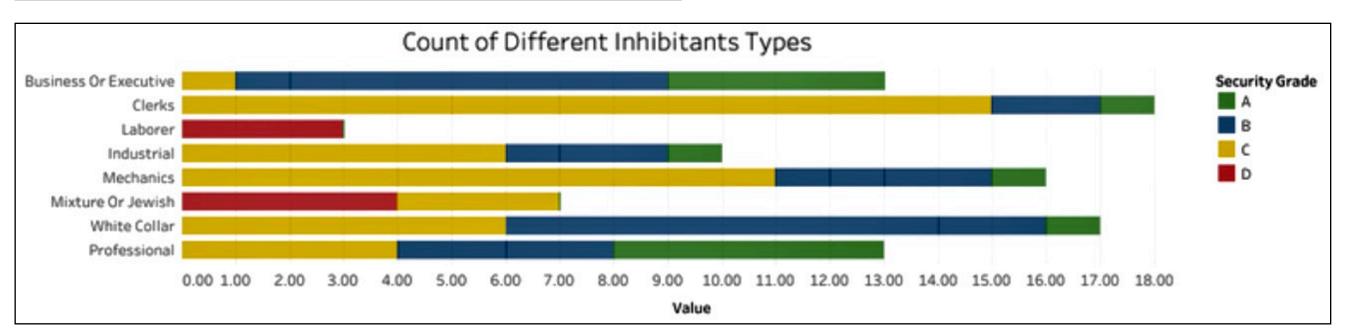


VISUALIZING INEQUALITY

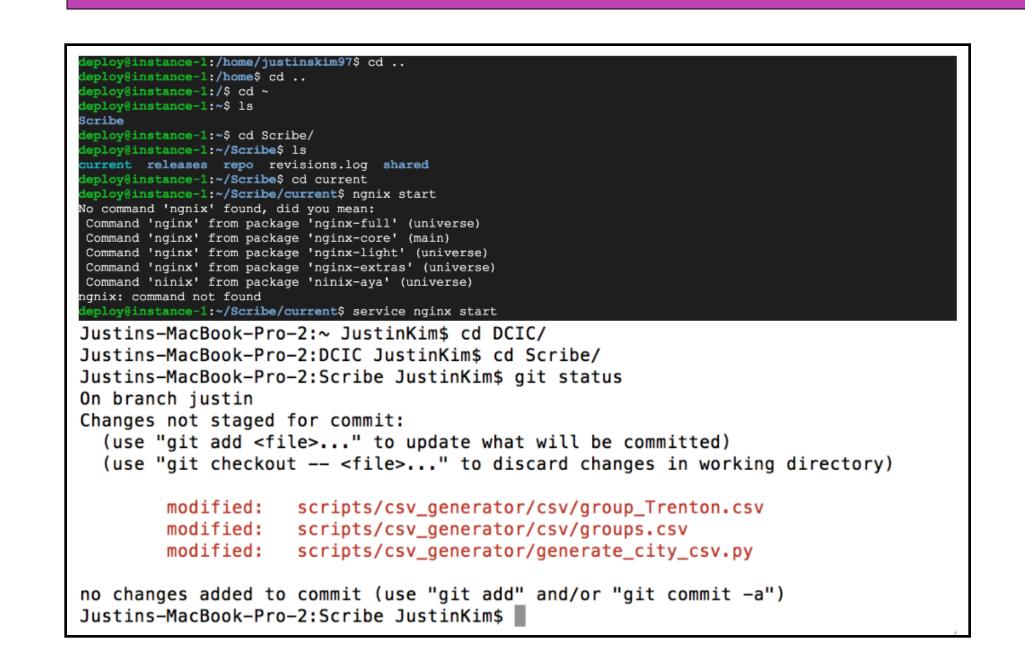




These visualizations are part of an effort to utilize the data derived from previous work on Baltimore for analytics objectives



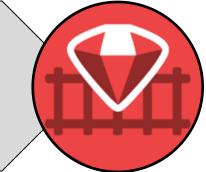
SCRIBE MANAGEMENT



Set up new city image files through Ubuntu Trusty test server



Worked with Ruby on Rails scripts to extract MongoDB JSON files



Utilized Github for version control – updated repository changes like new image & JSON database files

