Analyzing coverage of neighborhoods in press releases published by the Chicago Mayor's Office
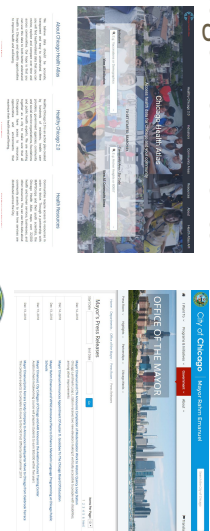
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Research Question

What neighborhoods are mentioned most in press releases published by the Chicago Mayor's Office and how does that relate to community health?
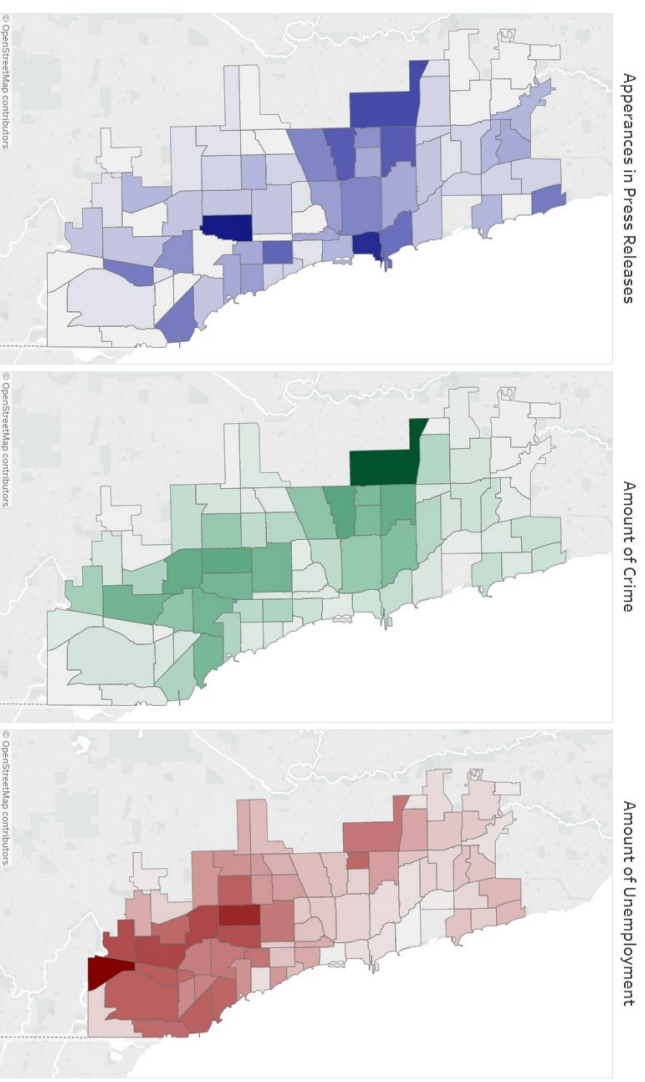
Data sources

Web scraped press releases from Mayor's Communication, Chicago Health Atlas health indicator data, Chicago Data Portal geospatial data

CHICAGO DATA PORTAL

Methods

1. Web scraping press releases
2. Created a Python dictionary
3. Counted the appearance of neighborhood names in press releases
4. Output final dataset
5. Visualized data using Tableau

Results

Neighborhoods that score low on community health indicators are more frequently mentioned in press releases

Apperances in Press Releases

Amount of Crime

Amount of Unemployment