



PROJECT 3 | GROUP 3

Chronic Disease in Chicago



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Background:

6 in 10

Adults in the US have a
chronic disease

4 in 10

Adults in the US have two or
more chronic diseases

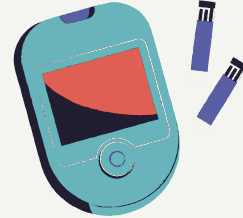
According to the CDC's National Center for Chronic Disease Prevention and Health Promotion, chronic diseases are the leading causes of death and disability in the United States. They are also leading drivers of the nation's \$3.8 trillion in annual health care costs.

Project Goal: Explore Chronic Disease in Chicago

We aim to create an interactive platform that will easily allow users to compare demographic data to the prevalence of chronic disease in Chicago. This platform can be used to better understand the disease burden across different community areas and population groups.



Cancer



Diabetes



Alzheimer's Disease



Heart Disease and
Hypertension



Obesity

THE DATA



EXTRACT

Data Source: Chicago Health Atlas

Data Type: CSV File

Our group reviewed the City of Chicago data and identified chronic diseases, health indicators, and demographic factors to include in our final dataset.

TRANSFORM

All extracted data was transformed using Python. Data was cleaned and columns were renamed.

LOAD

Final data set containing demographics, chronic disease rates, and health indicators was loaded into SQLite.

DEPLOYMENT PROCESS



FLASK

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JAVASCRIPT

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HTML

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SCREENSHOT HERE

THE VISUALIZATIONS

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An illustration of several skyscrapers in Chicago, including the Willis Tower, set against a light blue circular background. The buildings are rendered in a stylized, semi-transparent manner.

ACCESS THE WEBPAGE

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