

Discovering Chicago: Factors for Informed Relocation

Project by:

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"Discovering Chicago: Factors for Informed Relocation" is a tableau project that serves as a comprehensive guide for anyone contemplating a move to the vibrant city of Chicago. This project provides an in-depth analysis of key factors essential for evaluating whether Chicago is the right place to call home.

The project explores four crucial factors that play a significant role in determining the quality of life in Chicago:

1. Crime Rate Analysis: Gain insights into the city's safety and security through detailed crime rate analysis. Explore crime trends, neighbourhoods with low crime rates, and understand the safety landscape to make an informed decision about your future in Chicago.

2. Job Opportunities: Discover the job market in Chicago with data visualizations that showcase employment trends, industries, and growth opportunities. Learn about the city's thriving job sectors and assess how they align with your career goals.

3. Transportation: Chicago's extensive transportation network is a key factor in urban living. This project provides an overview of public transit options, traffic patterns, and commuting convenience to help you plan your daily life in the city.

4. House Pricing: Understand the housing market in Chicago through detailed house pricing analysis. Explore property values in different neighbourhoods, trends in housing costs, and affordability to determine your ideal place to live.

"Discovering Chicago" empowers individuals with the information they need to make an informed decision about relocating to the Windy City. By visualizing and analyzing these critical factors, the project offers a holistic view of life in Chicago, making it an invaluable resource for those considering a move to this dynamic and culturally rich metropolis.

Project Highlights

- Used 5 data sets to support our dashboard storyline.
- Used tableau actions on every dashboard.
- We have included data from domains such as: Crime stats, Government job, Housing rent, Cab fares.
- We have implemented 7 types of different chart types.
- We have used animation in chart.

Data Source:

- Crime Rate Dataset:
 - Source: Chicago Data Portal
 - Link: <https://data.cityofchicago.org/Public-Safety/Crimes-2001-to-Present/ijzp-q8t2>
- Job Opportunity:
 - Source: Chicago Government
 - Link: https://www.chicago.gov/city/en/depts/dhr/dataset/current_employee_names_salaries_and_position_titles.html
- House Rent
 - Source: Kaggle
 - Link : <https://data.cityofchicago.org/Community-Economic-Development/Affordable-Rental-Housing-Developments/s6ha-ppgi>
- Chicago Transportation:
 - Chicago Cab Fare dataset
 - Source: City of Chicago website
 - Link: <https://data.cityofchicago.org/Transportation/Taxi-Trips/wrvz-psew>
 - Chicago Bus Fare dataset:
 - Source: Data World
 - Link: <https://data.world/datasets/chicago-transit-authority>