CityFinder: a VA system to find the best new location for you!

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Our Purpose

What

- CityFinder aims to help people, particularly young adults, find locations that best fit their needs/wants.
- It's a hub that users can go to to find the information they want and that can be hard to find in one place.
- **Question**: What are the best cities for recent graduates to move to?

Why

- There are a lot of factors that contribute to finding a city to live in.
- We want to streamline the process of comparing cities for users who may be curious or relying on this information to make an informed choice about their next place of residence.

Our Data

Income

Food Cost

Walkability

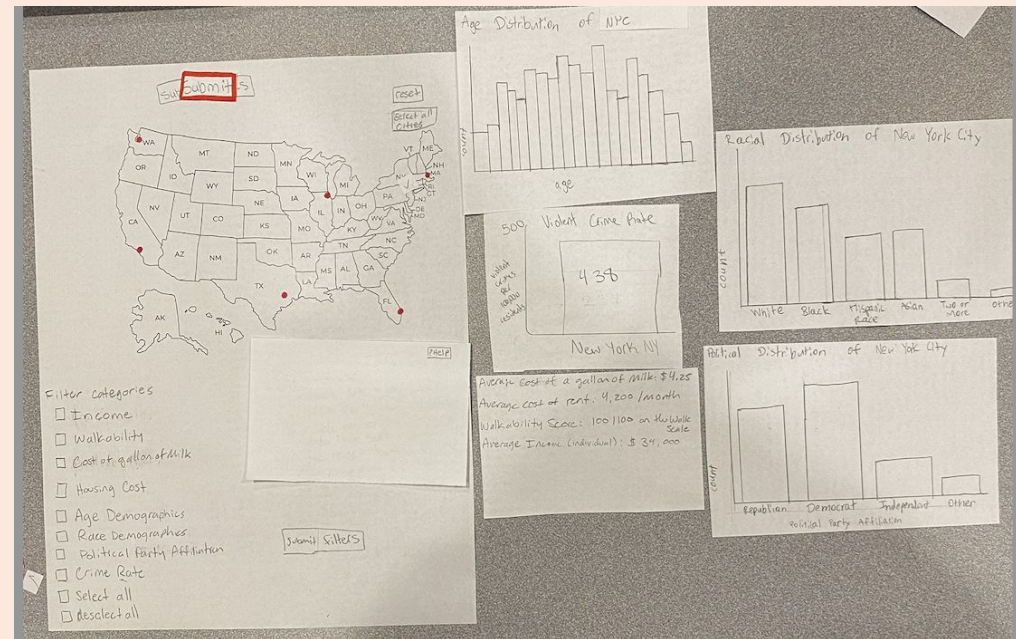**Social Demographics**

Housing

Crime Rate

Sources Include:

- Census
- Federal Reserve
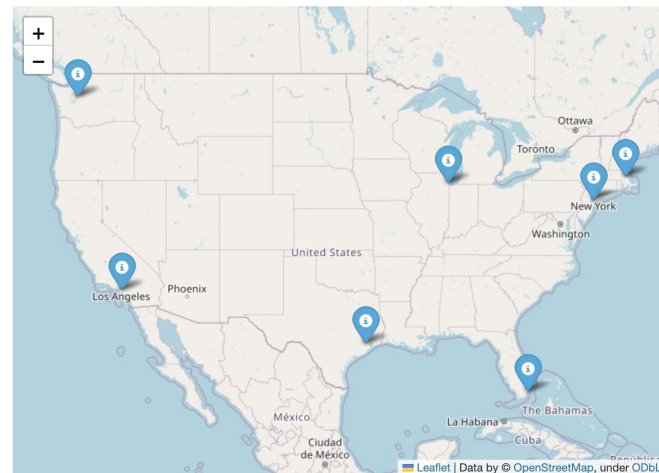- National Association of Realtors
- USDA
- FBI

Our Design

Initial Design

Final Design

Interactive Map of Major U.S. Cities

Leaflet | Data by © OpenStreetMap, under ODbL.

Select Characteristics

- [ ] Select All Characteristics
- [ ] Race
- [ ] Age
- [ ] Income
- [ ] Cost of Milk
- [ ] 2024 Election Voting
- [ ] Housing
- [ ] Crime
- [ ] Walkability

Select Cities

- [ ] Select All Cities
- [ ] Seattle
- [ ] Chicago
- [ ] Los Angeles
- [ ] New York City
- [ ] Miami
- [ ] Houston
- [ ] Boston

Submit

Our Tasks

#1: Identify the age, race, and political distribution of Boston residents

#2: Display all characteristics of NYC

#3: Compare cost of living between Chicago and Houston

Persona Example: Jared is a 24 year old, recent computer science graduate from UIUC. They're comparing job offers located in Seattle and Miami and wants to use CityFinder to decide the best city for him. His hobbies include baking and walking his dog. After 4 years in southern Illinois, they want to move to a more liberal area. He also wants to start building his savings so he can retire early.

Conclusion

Question: What are the best cities for recent graduates to move to and can our VA system help to answer this question?

Yes! Our tool can help users learn more about the characteristics of a city, in an accessible, streamlined way.

Best for Walkability: NYC
Most Affordable: Houston
Biggest Population of 18-24 year olds: Boston
Most Democratic in last Election: New York City
Highest Income: New York City
Most Diverse (least white): New York City

THANKS

QUESTIONS?

Sources:

- Racial and Age Demographics: https://www.census.gov/quickfacts/
- Income: https://www.stlouisfed.org/
- Housing: https://www.nar.realtor/sites/default/files/2024-11/metro-home-prices-q3-2024-single-family-2024-11-07.pdf
- Milk Prices: https://downloads.usda.library.cornell.edu/usda-esmis/files/0p097320x/kh04gh647/3n205t67t/AMS_3356.PDF&sa=D&source=docs&ust=1733430203335559&usg=AOvVaw2nOfuBpZaOUdQNtP0i-Oy1
- Walkability: https://www.epa.gov/smartgrowth/national-walkability-index-user-guide-and-methodology
- Crime: https://cde.ucr.cjis.gov/LATEST/webapp/#/pages/explorer/crime/crime-trend
- 2024 Election Voting: https://github.com/tonmcg/US_County_Level_Election_Results_08-24/blob/master/2024_US_County_Level_Presidential_Results.csv
- Streamlit Documentation: https://docs.streamlit.io/