

Healthcare Access for Economic Level for Dallas County

Team Members:

- Antonio Peavy
- Christina Wuerz
- Edel Farah
- Tomeka Morrison

Project Outline:

We expect to review data that compares Healthcare access (as defined proximity to hospitals, ER's and urgent care Clinics) in order to determine whether there is a correlation between healthcare access, quality and income level.

Questions to Answer:

1. Where are hospitals concentrated in a city/county?
2. Where are ER's concentrated in a city/county?
3. Number of healthcare facilities in middle class vs impoverished areas?
4. Are urgent care facilities concentrated in high income areas?
5. Are urgent care facilities strategically located a certain distance from hospitals?
6. Concentration of hospitals vs urgent care facilities within a zip?

Data Sets:

US Census Data: <https://www.kaggle.com/census/census-bureau-usa>

City of Dallas OpenData: <https://www.dallasopendata.com/>

Google Cloud Platform: <https://cloud.google.com/apis/>

Tasks:

- Determine income thresholds(low/high)-Census ----**Tomeka**
- Determine zip codes in Dallas County-Google Maps---**Christina**
- Isolate the income data by zip code (in Dallas County)-Census----**Edel**
- Gather hospital, urgent care, and ER facilities(Dallas/County-Google Maps---**Antonio**
- Visualizations:
 - o Bar graph----**Tomeka/Christina**
 - Dallas county (H, ER, UC)
 - High income(H, ER, UC)
 - Low Income(H,ER,UC)
 - o Scatter-----**Edel/Antonio**
 - Income vs Count (H, ER, UC)
 - o Pie Chart
 - Comparing (H, ER, UC) in low income vs high income