**DATA DESCRIPTION:**

**Impact of Socio-economic Factors on Health Outcomes & Quality Performance in Underserved Communities of America: Maine**

Syed S. Huda – MS. Data Science ‘23

**Dataset** [**https://github.com/SyedHudaDS/ME\_Health\_Outcomes\_Thesis/tree/main**](https://github.com/SyedHudaDS/ME_Health_Outcomes_Thesis/tree/main)

|  |  |
| --- | --- |
| **2018\_ME\_Awardees.xlsx**  **2019\_ME\_Awardees.xlsx**  **2020\_ME\_Awardees.xlsx**  **2021\_ME\_ Awardees.xlsx** | UDS Reports Yearly- HRSA |
|  |  |
| **Health\_Center\_Service\_Delivery\_and\_LookAlike\_Sites.csv**  **Facilities.ipynb**  **lapi1122.xlsx** | Facilities across U.S- HRSA  Interactive Map in plotly for Facilities using Geo locations |
|  |  |
| **HealthCareData.csv** | Complete processed Dataset |
|  |  |
| **Income per Capita.csv**  **Labor Force (NSA).csv**  **Median House Income.csv**  **Population.csv**  **Poverty.csv**  **Sources Personal Income (BEA).csv** | Economic Indicators |
|  |  |
| **README.md** | Instructions |
|  |  |
| **thesis\_Task\_Hyper.ipynb** | Models/EDA/Visualization |

**Economic Indicators**

[**https://www.maine.gov/labor/cwri/county-economic-profiles/countyProfiles.html**](https://www.maine.gov/labor/cwri/county-economic-profiles/countyProfiles.html)

[**https://www.census.gov/economic-indicators/**](https://www.census.gov/economic-indicators/)

**HRSA Health Report (2018-2021)**

[Health Center Program Uniform Data System (UDS) Data Overview](https://data.hrsa.gov/tools/data-reporting/program-data?type=AWARDEE&state=ME)

[National Health Center Program Uniform Data System (UDS) Look-Alike Data](https://data.hrsa.gov/tools/data-reporting/program-data/national-lookalikes)

**Health Center Facilities Interactive Map**

[**https://colab.research.google.com/drive/1z6HSgFseVFEmjWOf4-fYhD8Xcw785zCy?usp=sharing**](https://colab.research.google.com/drive/1z6HSgFseVFEmjWOf4-fYhD8Xcw785zCy?usp=sharing)

**UDS Manual 2021**

[**https://bphc.hrsa.gov/sites/default/files/bphc/data-reporting/2021-uds-manual.pdf**](https://bphc.hrsa.gov/sites/default/files/bphc/data-reporting/2021-uds-manual.pdf)

**Variables Description**

**Independent Variables :** (Census/Maine.gov) Racial and/or Ethnic Minority , Hispanic, Black/African American, Asian, American Indian/Alaska Native, Native Hawaiian / Other Pacific Islander, Patients at or below 200% of poverty, Patients at or below 100% of poverty, Per Capita Personal Income, Civilian Labor Force, Employment, Unemployment, Household Income, Family Population, Population, Number in Poverty, Personal income (thousands of dollars), Average earnings per job (dollars), Net earnings by place of residence, Earnings by place of work, Wages and salaries, Supplements to wages

**Dependent Variables:** (HRSA) Uninsured, Medicaid/CHIP, Medicare, Other Third Party, Medical, Mental Health, Substance Abuse, Hypertension, Diabetes, Asthma, Cervical Cancer Screening, Colorectal Cancer Screening, Depression Screening.

**UDS Table**

