

### **Data Sources used in COVID-19 Data Analysis**

- **Conditions Contributing to COVID-19 Deaths by State and Age (Provisional 2020-2023).**
  - **Source:** Centers for Disease Control and Prevention (CDC)
  - **Description:** This dataset contains data on conditions contributing to COVID-19 deaths in the United States from 2020 to 2023. The data is collected through the National Vital Statistics System (NVSS) from death certificates filed in vital registration offices across the U.S. It includes variables such as the date of data update, start and end dates of data collection, state, age group, condition group, specific conditions, ICD-10 codes, and the number of deaths attributed to COVID 19.
  - **Link:** [CDC COVID-19 Deaths by Age Group](#)
- **US Census 2020 Total Population by State**
  - **Source:** United States Census Bureau
  - **Description:** This dataset provides the total population by state in the United States according to the 2020 Decennial Census. It includes the total population for each state, which is used to calculate COVID-19 death rates per 100,000 people for comparative analysis across different states and regions.
  - **Link:** [US Census 2020 Total Population by State](#)
- **GeoJSON File containing State Boundaries**
  - **Source:** Eric Celeste's US GeoJSON Data
  - **Description:** This geoJSON file contains geographical boundaries of the 50 states. It was used to create choropleth maps to visualize COVID-19 death rates and total deaths associated with specific medical conditions. The file includes data for each state, which enables the mapping of COVID-19 data onto a geographical framework.
  - **Link:** [US GeoJSON Data](#)