Title: Interactive World Health Data Visualization

Introduction: This project involves the development of an interactive web-based visualization to explore health-related data across various countries and years. The visualization is built using modern web technologies including HTML, CSS, JavaScript, and D3.js, supported by GeoJSON for geographic data representation.

Visualization Purpose:

User Interaction: Allows users to dynamically explore health data across different years and variables.

Customization: Users can customize the view by selecting different variables, years, and regions.

Enhanced Understanding: The interactive map enhances understanding by visually representing complex data in an accessible format.

Components:

HTML Layout (Index.html): Defines the structural layout of the visualization including UI elements.

Styling (styles.css): Manages the appearance and layout of the webpage elements.

Interactive Scripting (script.js): Handles the logic for data processing, map updating, and user interactions.

Geographic Data (World\_Map.geojson): Provides the map data required for rendering the world map.

Data File (HEALTH\_WF.csv): Contains the health data used in the visualization.

Functionality:

Interactive world map that adjusts based on selected criteria.

Tooltip displays detailed data for each country upon hover.

Zoom functionality for detailed geographic exploration.

Conclusion: This visualization tool serves as a powerful resource for understanding and analyzing global health trends, facilitating informed decision-making and awareness through accessible data representation.