Dataset Documentation: Health and Demographics Survey

Overview

This dataset contains information from a Health and Demographics Survey, aiming to collect data on various health-related factors, demographic information, and lifestyle choices among respondents. The dataset is organized with columns representing specific attributes, and each column contains values that provide insights into the health and well-being of the participants.

Columns and Descriptions

The dataset consists of the following columns, each with a specific meaning and range of values:

1. **HeartDiseaseorAttack (0 or 1)**:
   - Description: Indicates whether the respondent has a chance of getting heart disease (1) or not (0).
2. **HighBP (0 or 1)**:
   - Description: Represents whether adults have been told they have high blood pressure by a doctor (1) or not (0).
3. **HighChol (0 or 1)**:
   - Description: Shows if the respondent has ever been told by a healthcare professional that their blood cholesterol is high (1) or not (0).
4. **CholCheck (0 or 1)**:
   - Description: Indicates whether the respondent has checked their cholesterol in the past 5 years (1) or not (0).
5. **BMI (Literal BMI)**:
   - Description: Contains the literal Body Mass Index (BMI) values, which are a measure of a person's weight in relation to their height.
6. **Smoker (0 or 1)**:
   - Description: Indicates whether the respondent has smoked at least 100 cigarettes in their entire life (1) or not (0).
7. **Stroke (0 or 1)**:
   - Description: Shows whether the respondent has been told they had a stroke (1) or not (0).
8. **Diabetes (0, 1, 2)**:
   - Description: Represents the level of diabetes: 0 for no diabetes or only during pregnancy, 1 for pre-diabetes or borderline diabetes, and 2 for yes, they have diabetes.
9. **PhysActivity (0 or 1)**:

- Description: Indicates whether adults reported doing physical activity or exercise during the past 30 days other than their regular job (1) or not (0).

10. **Fruits (0 or 1)**:
   - Description: Represents whether the respondent consumes fruit 1 or more times per day (1) or not (0).

11. **Veggies (0 or 1)**:
   - Description: Indicates whether the respondent consumes vegetables 1 or more times per day (1) or not (0).

12. **HvyAlcoholConsump (0 or 1)**:
   - Description: Represents whether the respondent is a heavy drinker, with criteria being adult men having more than 14 drinks per week and adult women having more than 7 drinks per week (1) or not (0).

13. **AnyHealthcare (0 or 1)**:
   - Description: Indicates whether the respondent has any kind of healthcare coverage, including health insurance, prepaid plans, or government plans (1) or not (0).

14. **NoDocbcCost (0 or 1)**:
   - Description: Shows if there was a time in the past 12 months when the respondent needed to see a doctor but could not because of the cost (1) or not (0).

15. **GenHlth (1 to 5)**:
   - Description: Represents the general health rating of the respondent, with 1 being excellent and 5 being poor.

16. **MentHlth (0 to 30)**:
   - Description: Records the number of days during the past 30 days when the respondent's mental health was not good. The scale ranges from 0 to 30.

17. **PhysHlth (0 to 30)**:
   - Description: Records the number of days during the past 30 days when the respondent's physical health was not good. The scale also ranges from 0 to 30.

18. **DiffWalk (0 or 1)**:
   - Description: Indicates whether the respondent has serious difficulty walking or climbing stairs (1) or not (0).

19. **Sex (0 for female, 1 for male)**:
   - Description: This column indicates the sex of the respondent, with 0 for female and 1 for male.

20. **Age (1 to 13)**:
   - Description: Represents the age of the respondent. The values are coded in 5-year increments, ranging from 18-24 up to 80 and older.

21. **Education (1 to 6)**:
   - Description: Represents the highest level of education completed by the respondent, with 1 for never attended school or kindergarten only and 6 for having completed college for four years or more.

22. **Income (1 to 8)**:
   - Description: This column indicates the annual household income. The income range is divided into 8 codes, with Code 1 for less than $10,000 and Code 8 for $75,000 or more.

The dataset provides valuable information about respondents' health conditions, behaviors, demographics, and socioeconomic factors, allowing for in-depth analysis and insights into various aspects of public health and well-being.