

Dataset Details:

1. **Diabetes_012:** Target variable indicating whether the respondent has diabetes (2), pre-diabetes (1), or no diabetes (0)
2. **HighBP:** Binary variable indicating whether the respondent has high blood pressure (Yes-1) or not (No-0)
3. **HighChol:** Binary variable indicating whether the respondent has high cholesterol (Yes-1) or not (No-0))
4. **CholCheck:** Binary variable indicating whether the respondent has had their cholesterol checked in the past year (Yes-1) or not (No-0))
5. **BMI:** Body mass index of the respondent, calculated as weight in kilograms divided by height in meters squared
6. **Smoker:** Binary variable indicating whether the respondent is a current smoker (Yes-1) or not (No-0))
7. **Stroke:** Binary variable indicating whether the respondent has had a stroke (Yes-1) or not (No-0))
8. **HeartDiseaseorAttack:** Binary variable indicating whether the respondent has had heart disease or a heart attack (Yes-1) or not (No-0))
9. **PhysActivity:** Binary variable indicating whether the respondent engages in regular physical activity (Yes-1) or not (No-0))
10. **Fruits:** Consume Fruit 1 or more times per day (Yes-1) or not (No-0))
11. **Veggies:** Consume Vegetables 1 or more times per day (Yes-1) or not (No-0))

12. **HvyAlcoholConsump**: Binary variable indicating whether the respondent engages in heavy alcohol consumption (Yes-1) or not (No-0))
13. **AnyHealthcare**: Have any kind of health care coverage, including health insurance, prepaid plans such as HMO, etc. (Yes-1) or not (No-0))
14. **NoDocbcCost**: Was there a time in the past 12 months when you needed to see a doctor but could not because of cost? (Yes-1) or not (No-0))
15. **GenHlth**: Would you say that in general your health is: scale 1-5 1 = excellent 2 = very good 3 = good 4 = fair 5 = poor
16. **MentHlth**: Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?
17. **PhysHlth**: Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?
18. **DiffWalk**: Binary variable indicating whether the respondent has difficulty walking (Yes-1) or not (No-0))
19. **Sex**: Binary variable indicating the gender of the respondent (Male-1) or not (Female-0))
20. **Age**: 13-level age category 1 = 18-24 9 = 60-64 13 = 80 or older
21. **Education**: Level of education attained by the respondent (1 for less than high school, 2 for high school or equivalent, 3 for some college, and 4 for college graduate or higher)
22. **Income**: Annual household income of the respondent, reported in US dollars