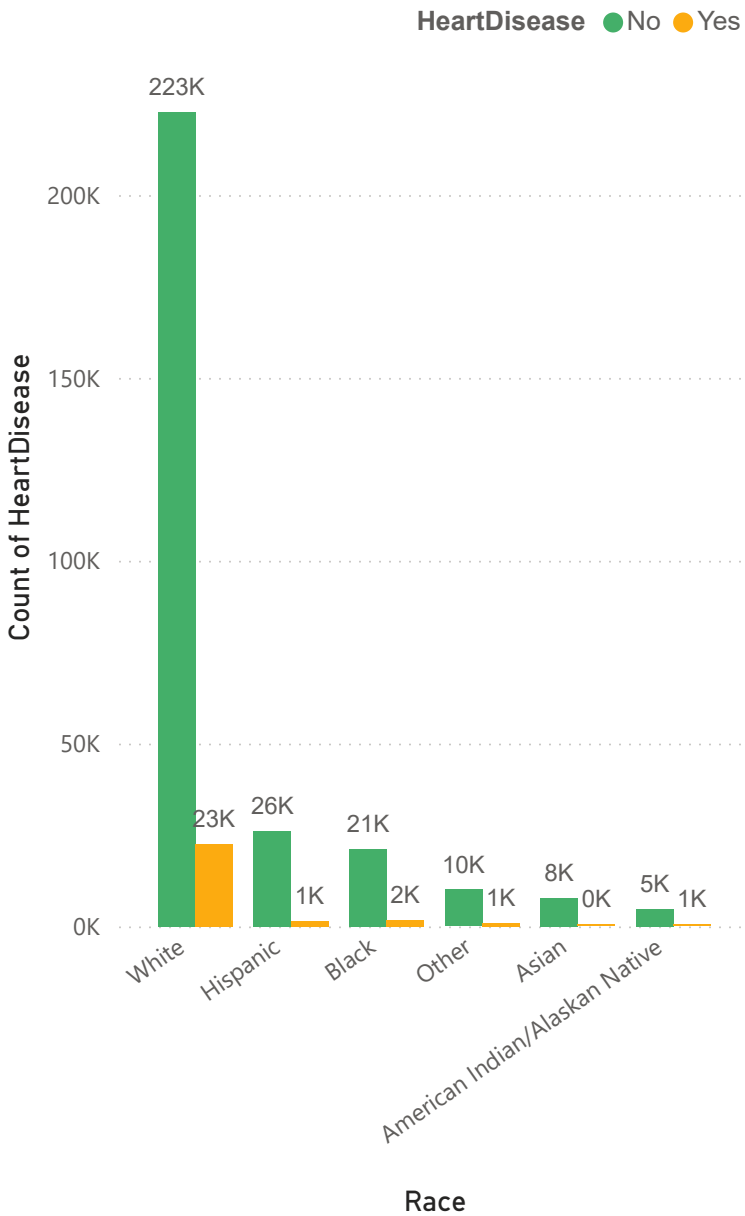


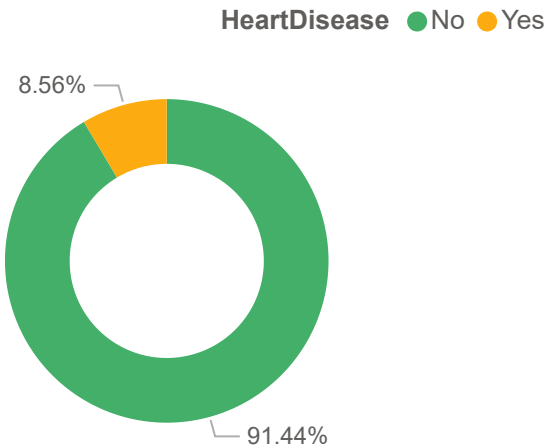
HEART DISEASE DISTRIBUTION

DASHBOARD

Proportion by Race



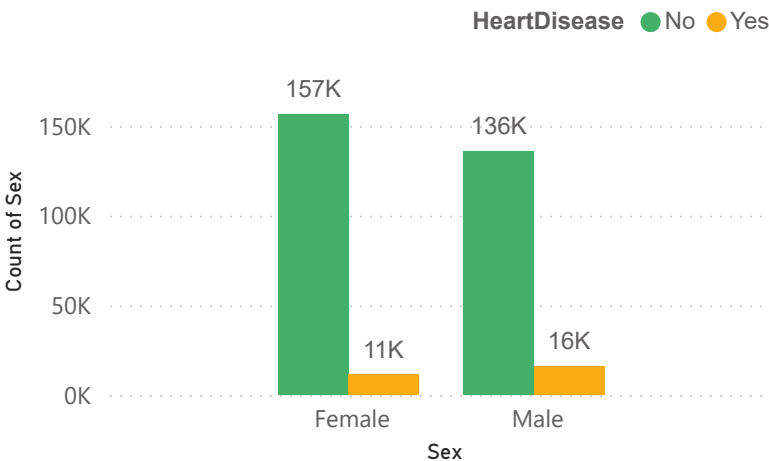
Heart Disease Distribution:



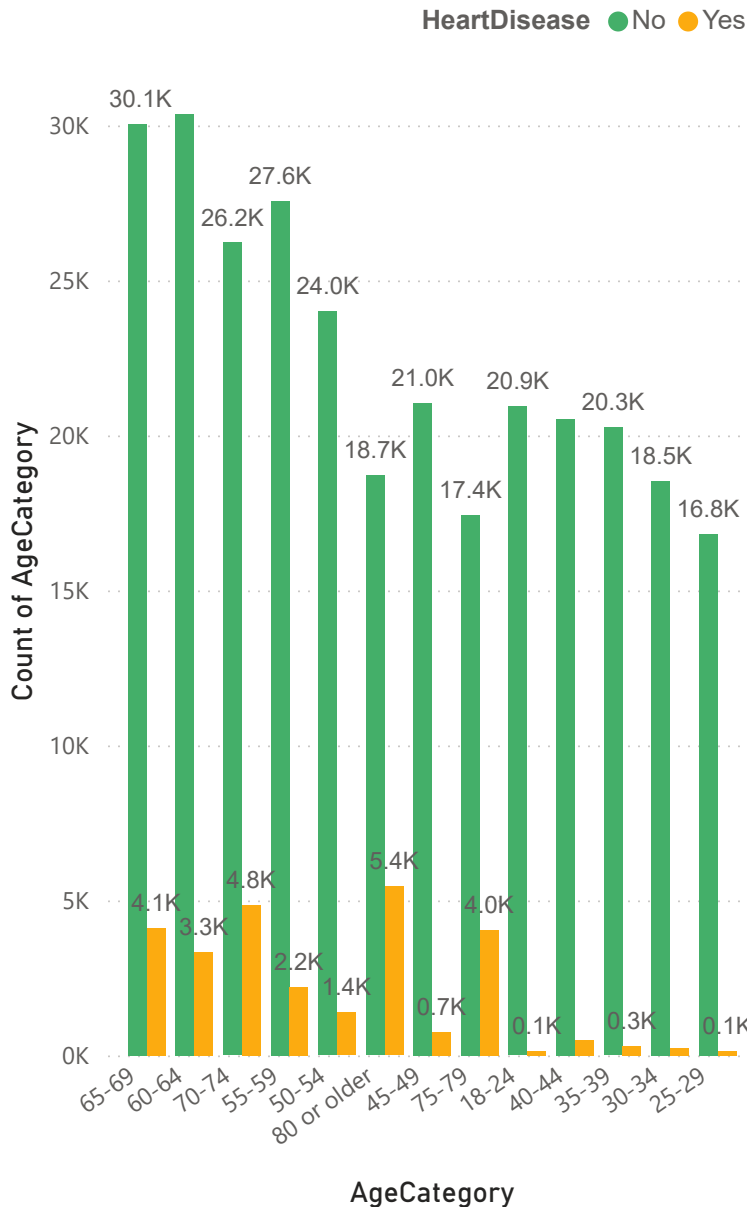
Female

Male

Proportion by Gender:



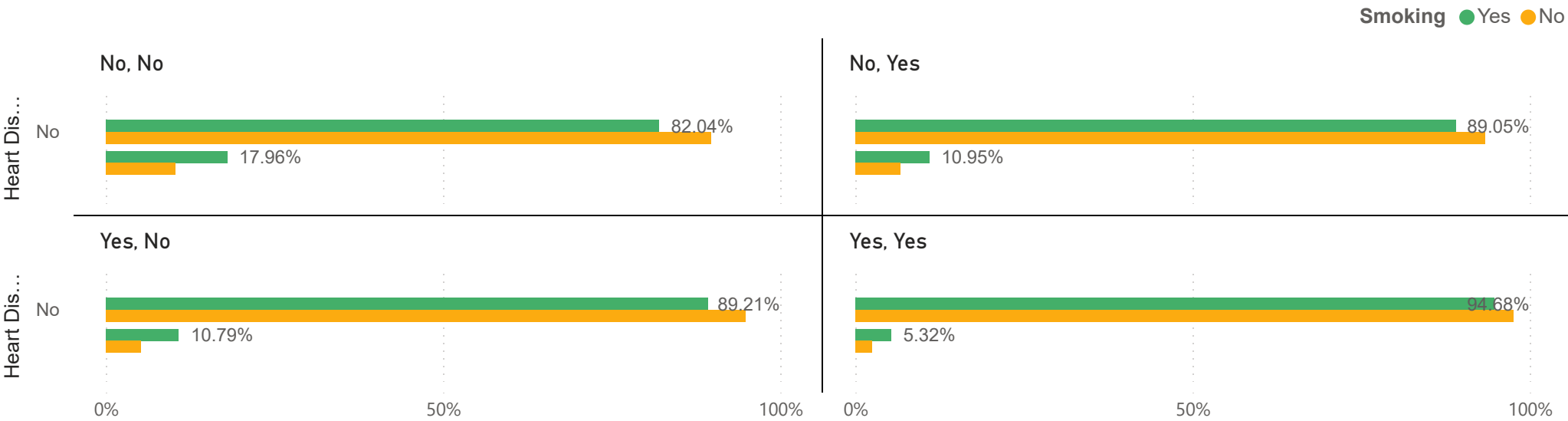
Proportion by Age Category



HEALTH HABITS ANALYSIS

DASHBOARD

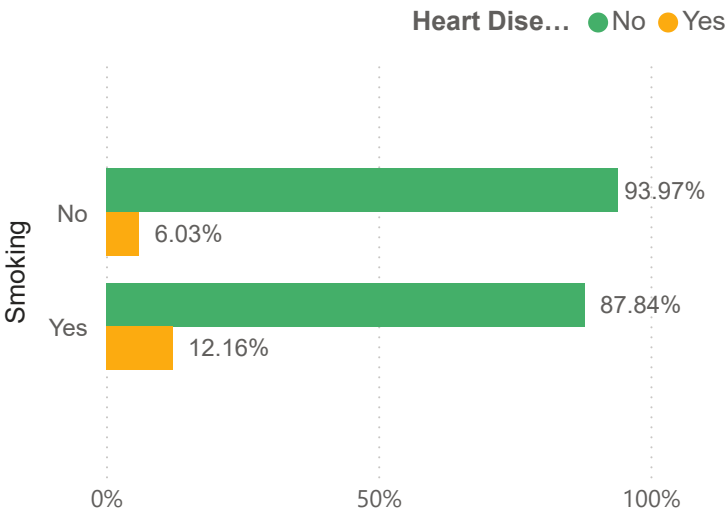
Lifestyle Habits & Heart Disease



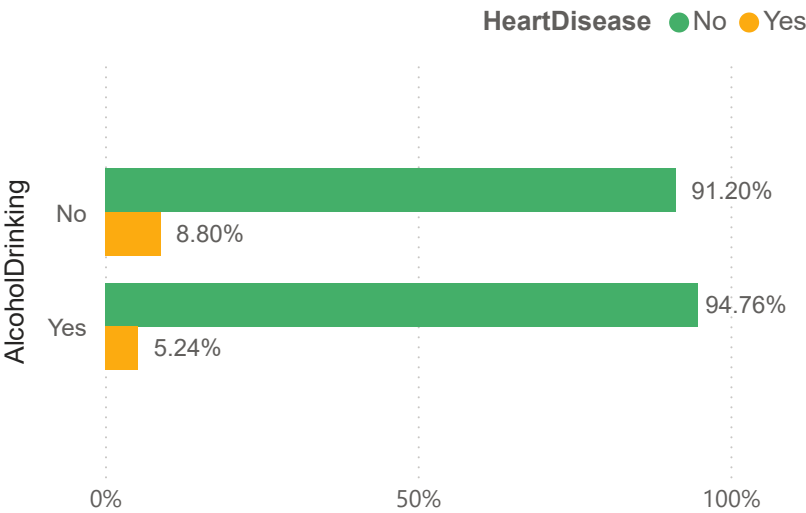
Female

Male

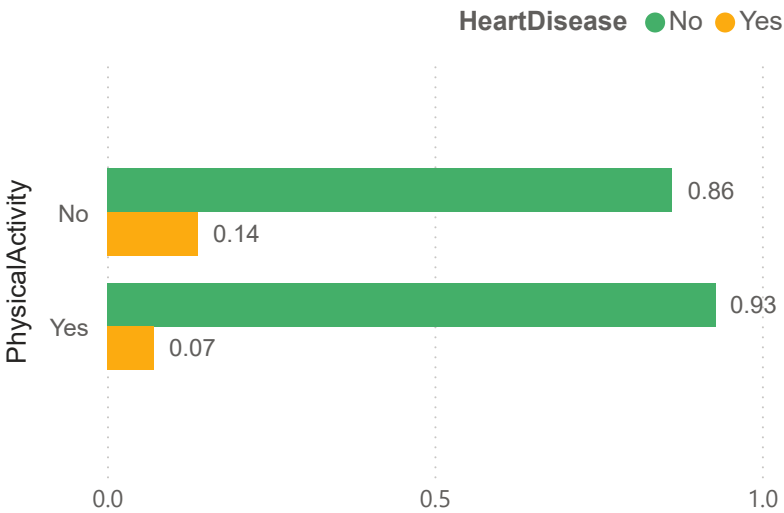
Smoking vs Heart Disease



Alcohol Consumption vs Heart Disease

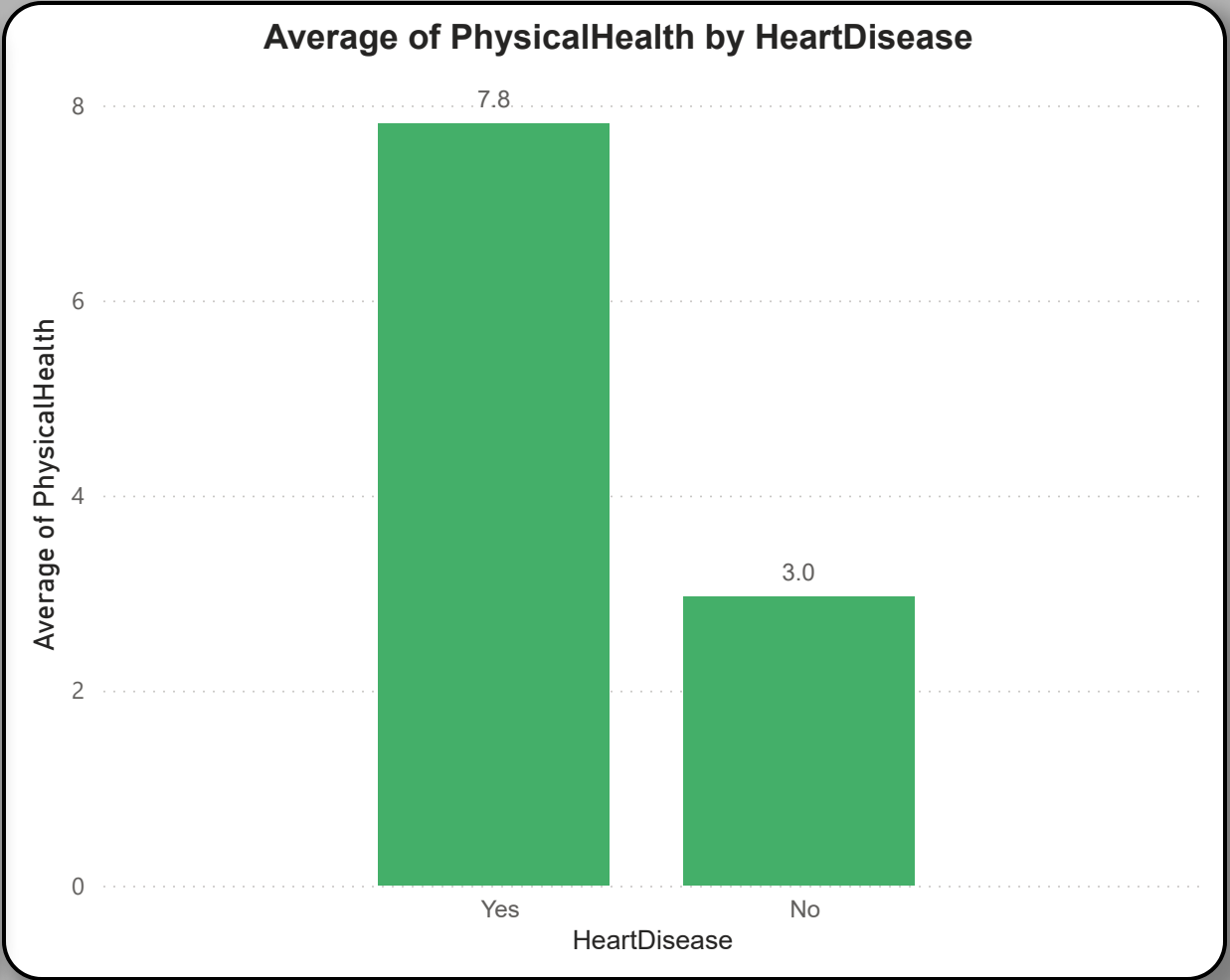
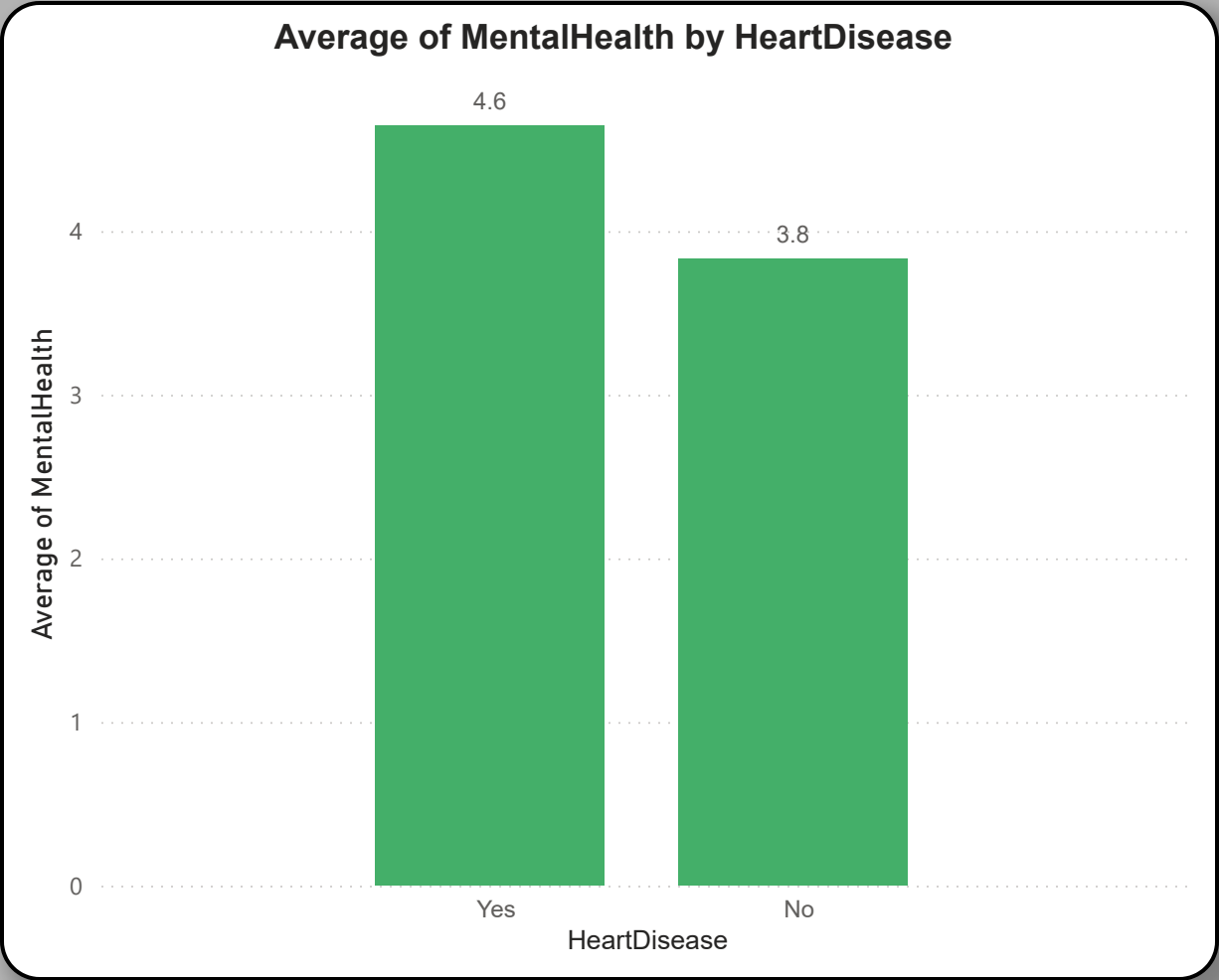


Physical Activity vs Heart Disease



Female

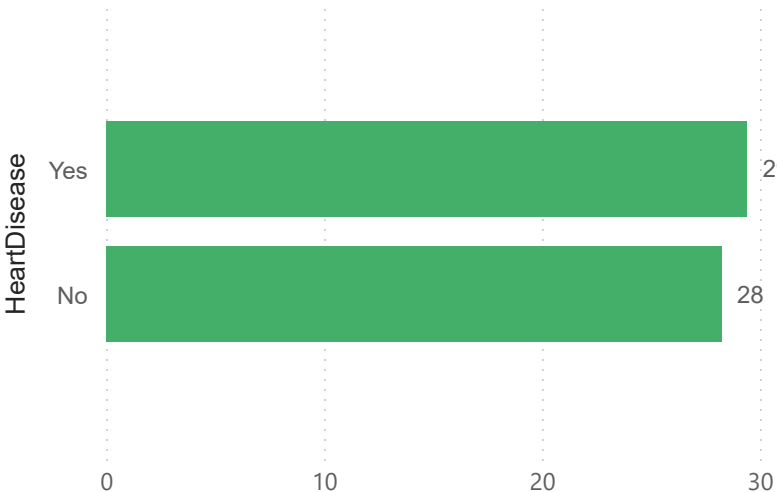
Male



KEY HEALTH INDICATORS

DASHBOARD

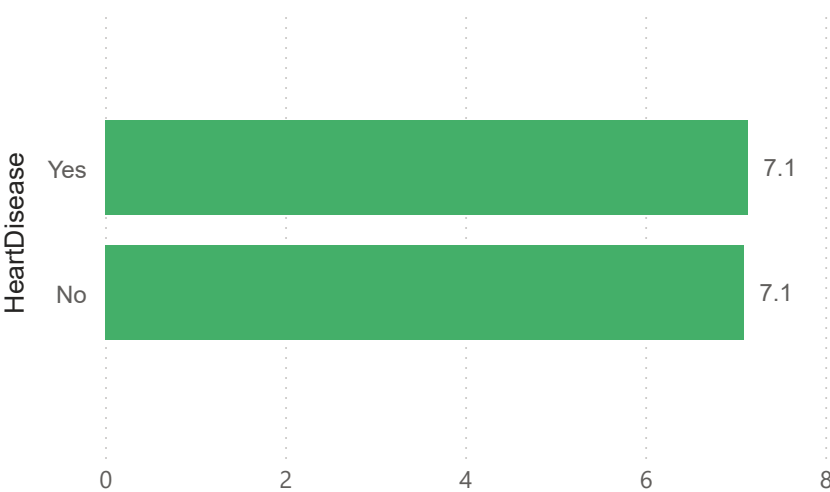
Avg BMI Vs Heart Disease



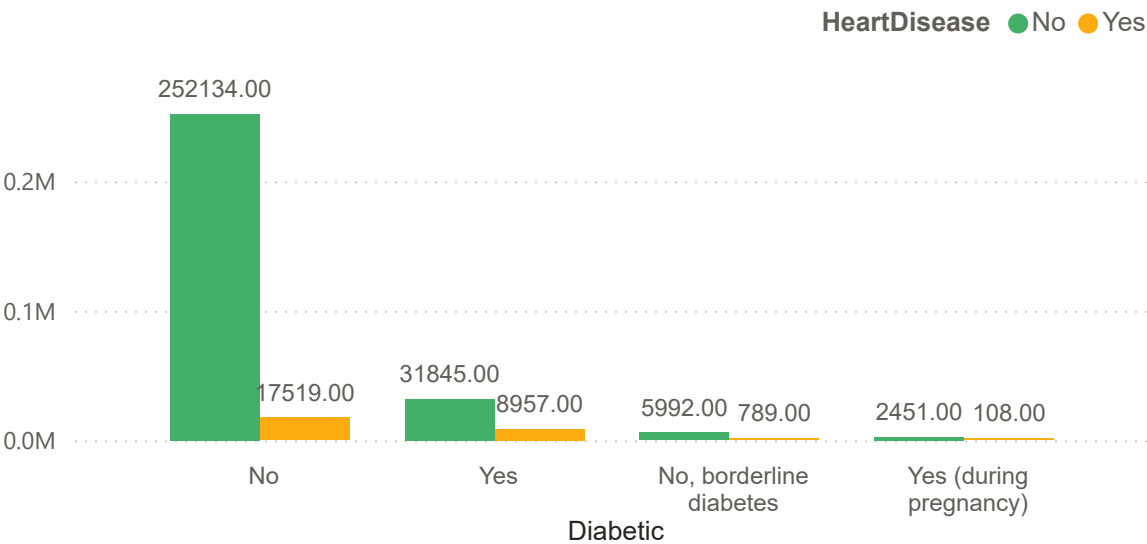
Female

Male

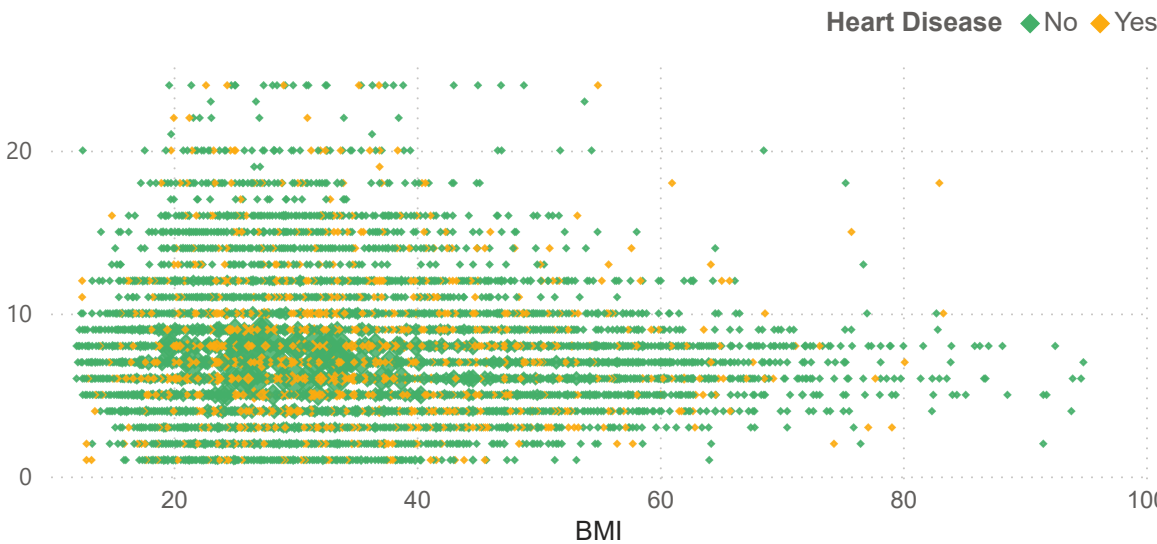
Avg SleepTime Vs Heart Disease



Diabetic Vs Heart Disease



BMI vs Sleep Time and Heart Disease



HEART DISEASE PREDICTION DASHBOARD

KPI1

KPI2

KPI3

KPI4

KPI1 - Heart
Disease
Distribution

KPI2 - Health
Habits
Analysis

KPI3 -
Physical and
Mental Healt...

KPI4 - Key
Health
Indicators

DASHBOARD

SUMMARY

Yes

No

Female

Male

7.10

Average of SleepTime

3.90

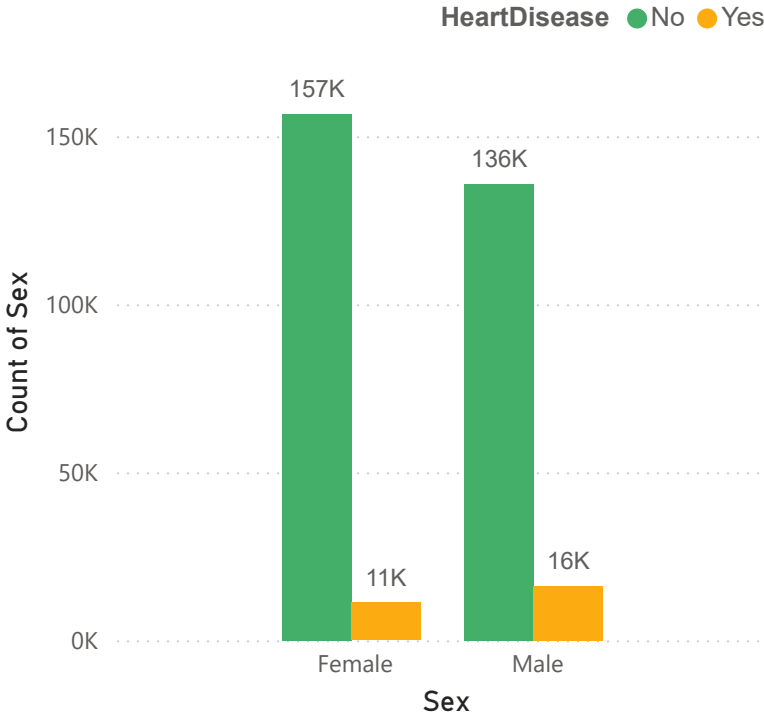
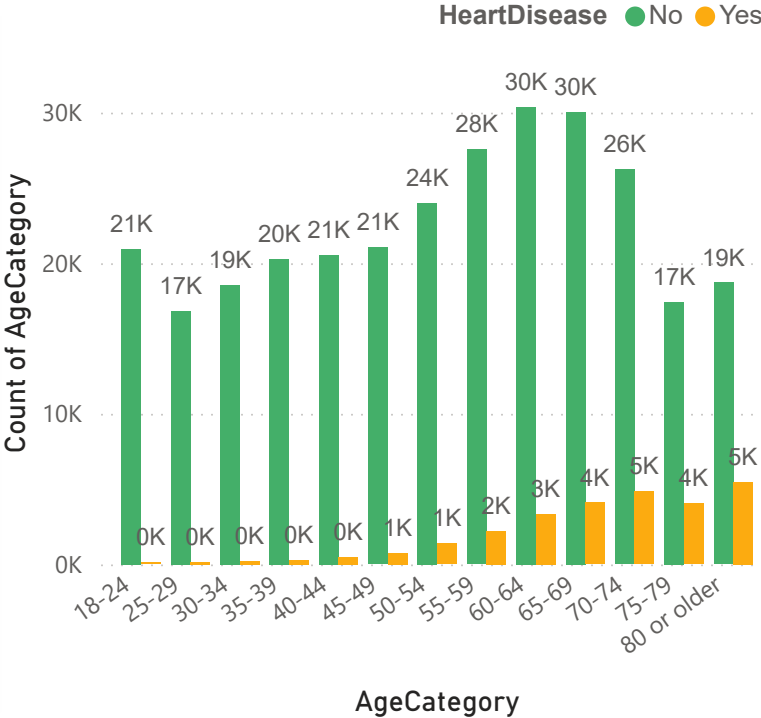
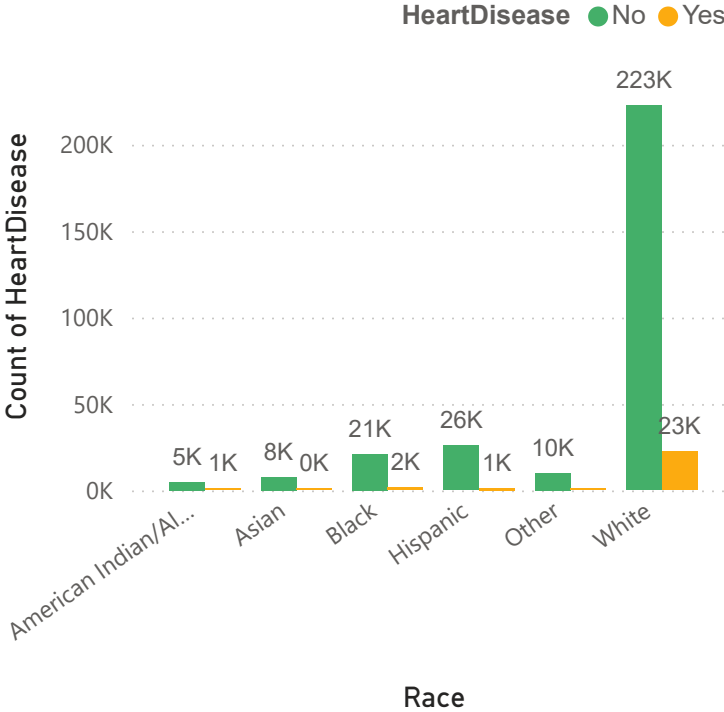
Average of MentalHealth

3.37

Average of PhysicalHealth

28.33

Average of BMI



FACTORS CONTRIBUTING TO HEART DISEASE:**HEART DISEASE DISTRIBUTION:**

- 91.44% of individuals do not have heart disease (292,422 cases), while 8.56% have heart disease (27,373 cases).
- White individuals account for 69.64% of those without heart disease, with the largest gap seen among White individuals, where No cases outnumber Yes cases by 200,198.
- On average, the "No" group has a significantly higher count (48,737) compared to the "Yes" group (4,562).

MENTAL HEALTH:

- The average mental health score for individuals with heart disease (Yes) is 4.64, which is higher than the 3.83 average score for individuals without heart disease (No).
- This indicates that individuals with heart disease report more mental health challenges compared to those without heart disease.
- The findings suggest a potential correlation between poor mental health and the likelihood of having heart disease, implying that mental health struggles may increase the risk of heart disease, or that heart disease may worsen mental health.

PHYSICAL HEALTH:

- The average physical health score for individuals with heart disease (Yes) is higher, indicating that they report more physical health challenges compared to those without heart disease (No).
- This suggests that individuals with heart disease tend to have worse physical health, as higher scores typically indicate more frequent or severe physical health issues.
- Poor physical health could be a significant risk factor for developing heart disease, or heart disease may worsen existing physical health conditions.

KEY HEALTH INDICATORS: