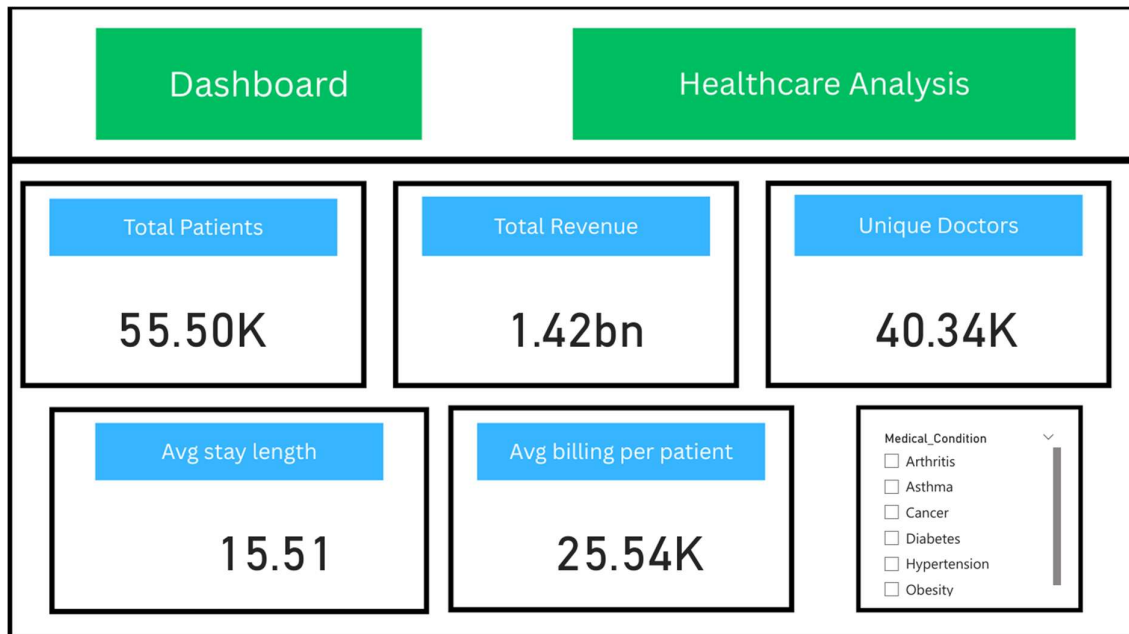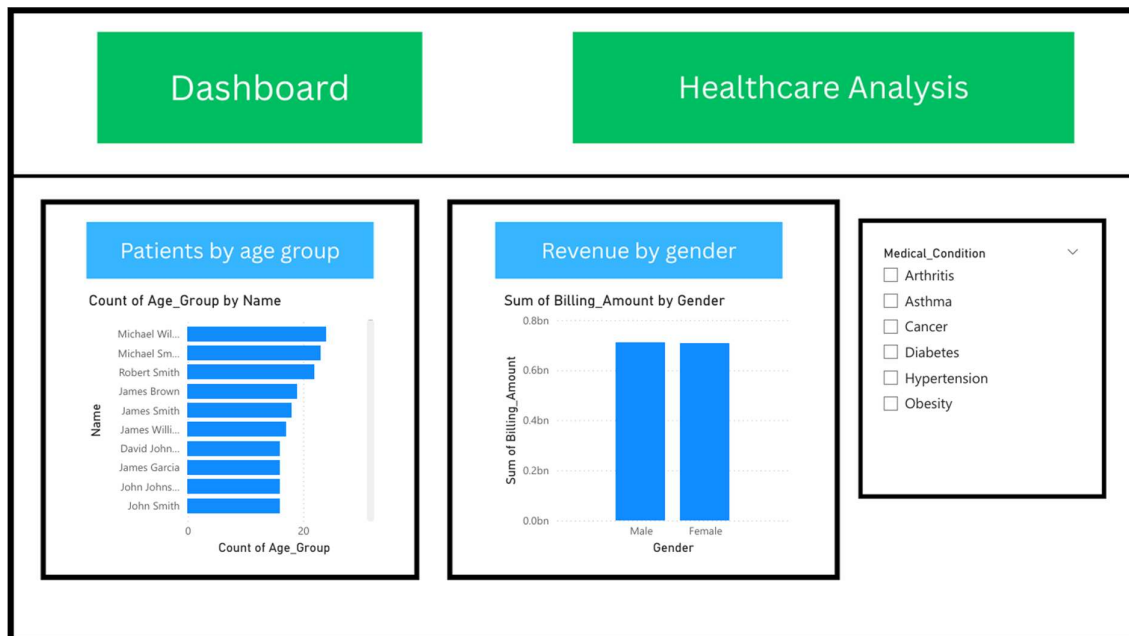# Overall Analysis

This page presents a dashboard overview built in Power BI Desktop. It shows healthcare data with metrics like total patients, billing amounts, and stay length. Filters for different medical conditions such as Arthritis, Asthma, Cancer, Diabetes, Hypertension, and Obesity are available. The visuals provide a high-level summary of key healthcare statistics.

This page visualizes the Count of Age Groups by Patient Name. The bar chart highlights how different age groups are distributed among individual patients. A filter for medical conditions allows drilling down into specific diseases. Additionally, another visual compares the sum of billing amounts by gender, showing differences in healthcare expenses between males and females.

This page presents the Average Stay Length by Age Group. It highlights how hospitalization duration varies across different age categories, with older patients generally having longer stays. A hospital-wise filter is included to analyze stay patterns across multiple healthcare institutions. Alongside, a bar chart shows the billing amount distribution by medical condition, comparing costs for diabetes, obesity, arthritis, hypertension, asthma, and cancer.

This page analyzes the distribution of medical conditions by blood type. Each blood group (A-, A+, AB+, AB-, B+, B-, O+, O-) is compared in terms of patient count and percentage share. The chart indicates a fairly even distribution across groups, each representing around 12–13%. A second visual shows the gender distribution of patients by name, indicating nearly equal representation of males and females.