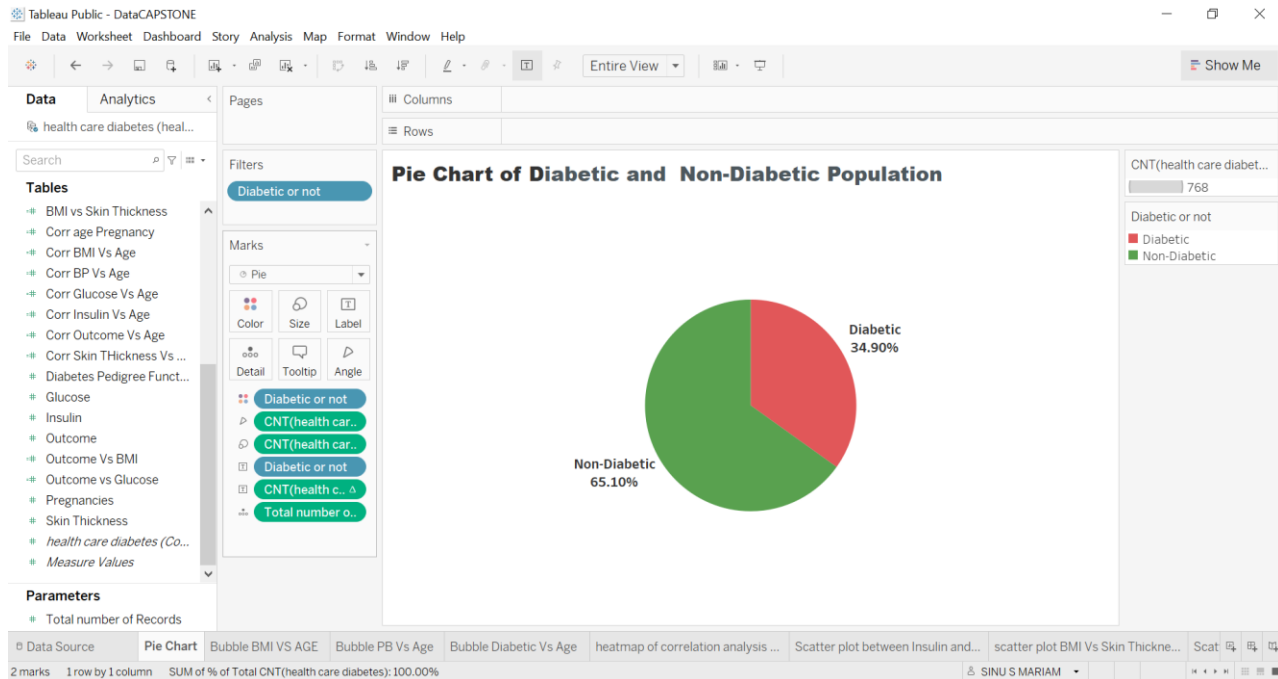


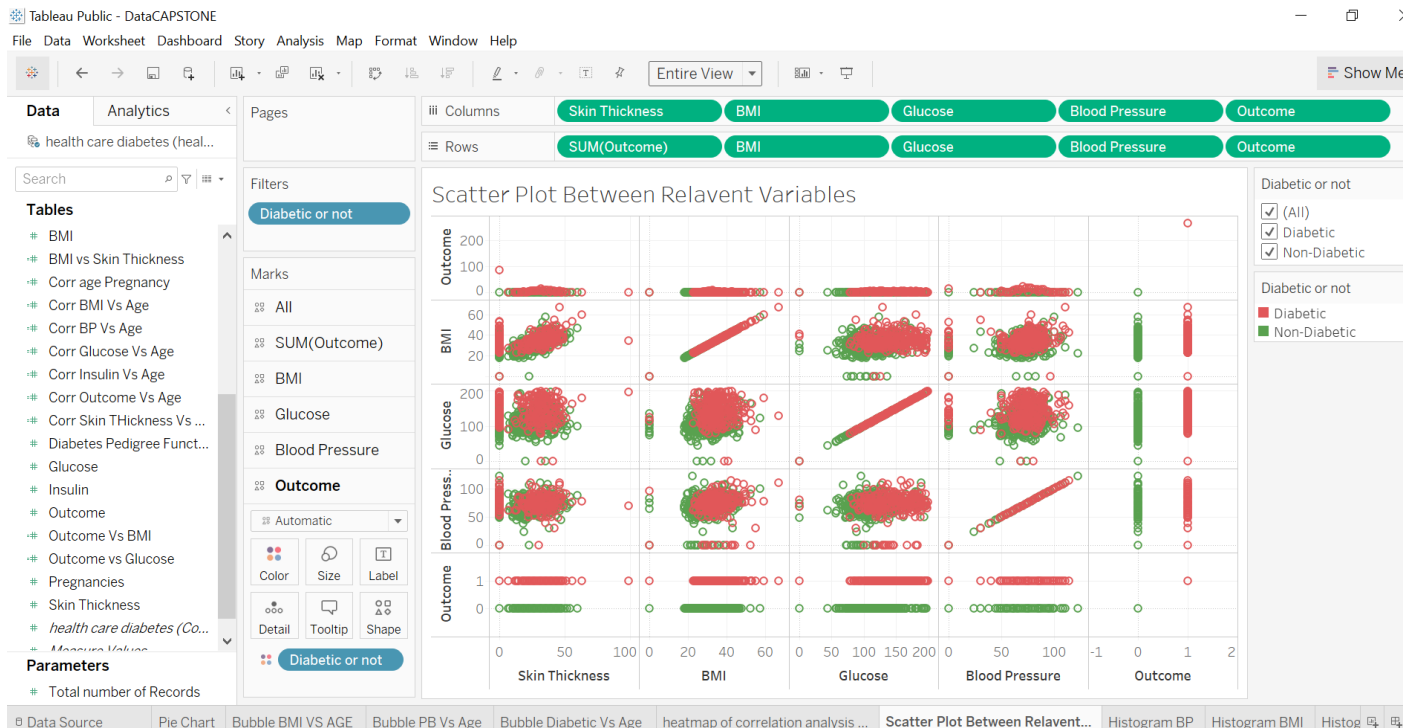
Project Task: Week 4

Data Modeling:

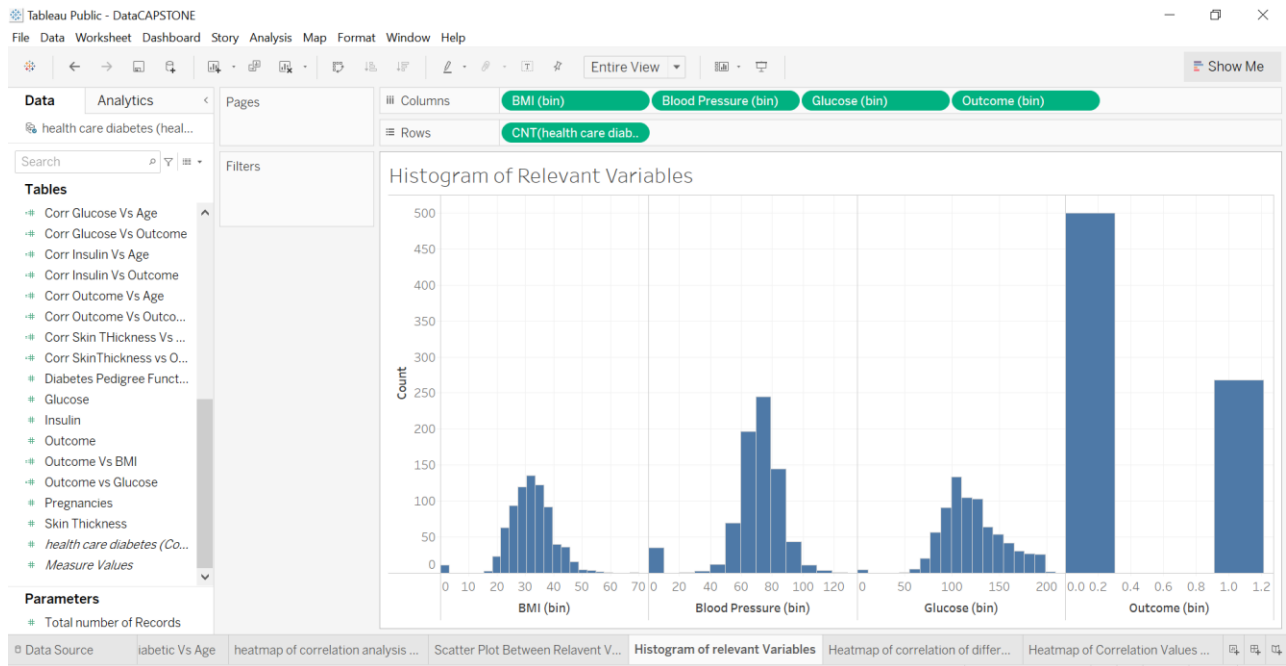
- Pie chart to describe the diabetic or non-diabetic population



- Scatter charts between relevant variables to analyze the relationships

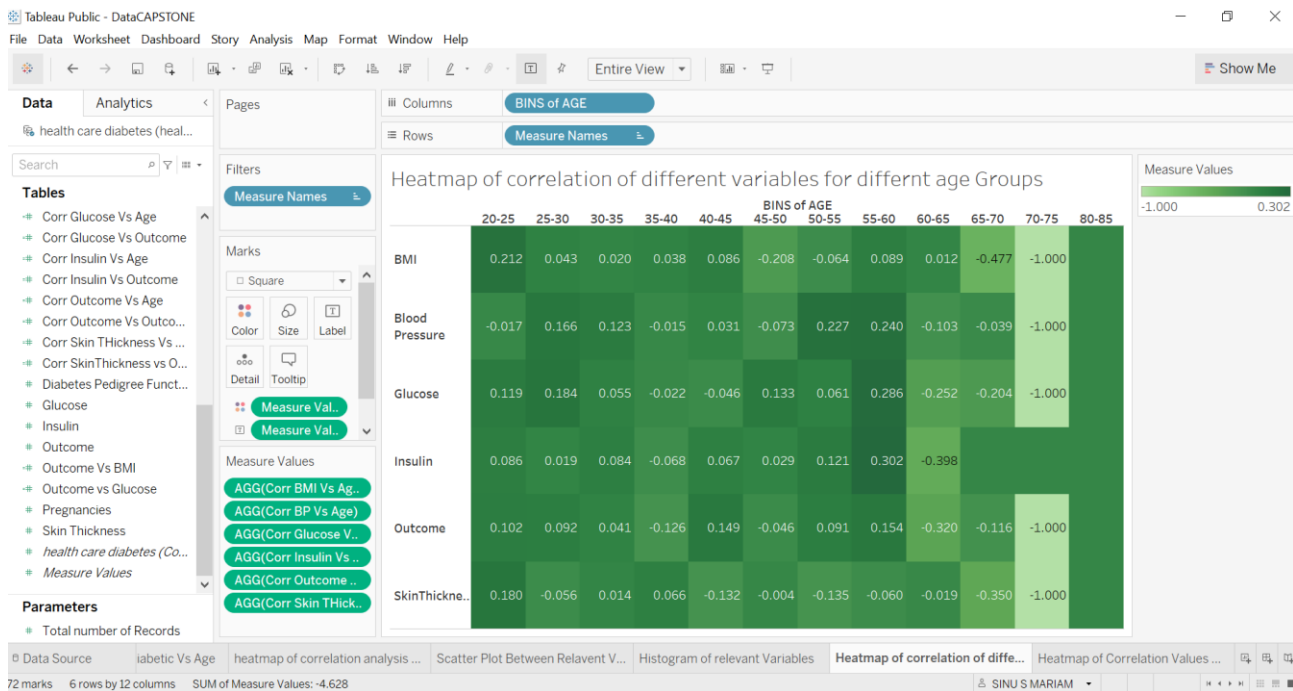


c. Histogram or frequency charts to analyze the distribution of the data

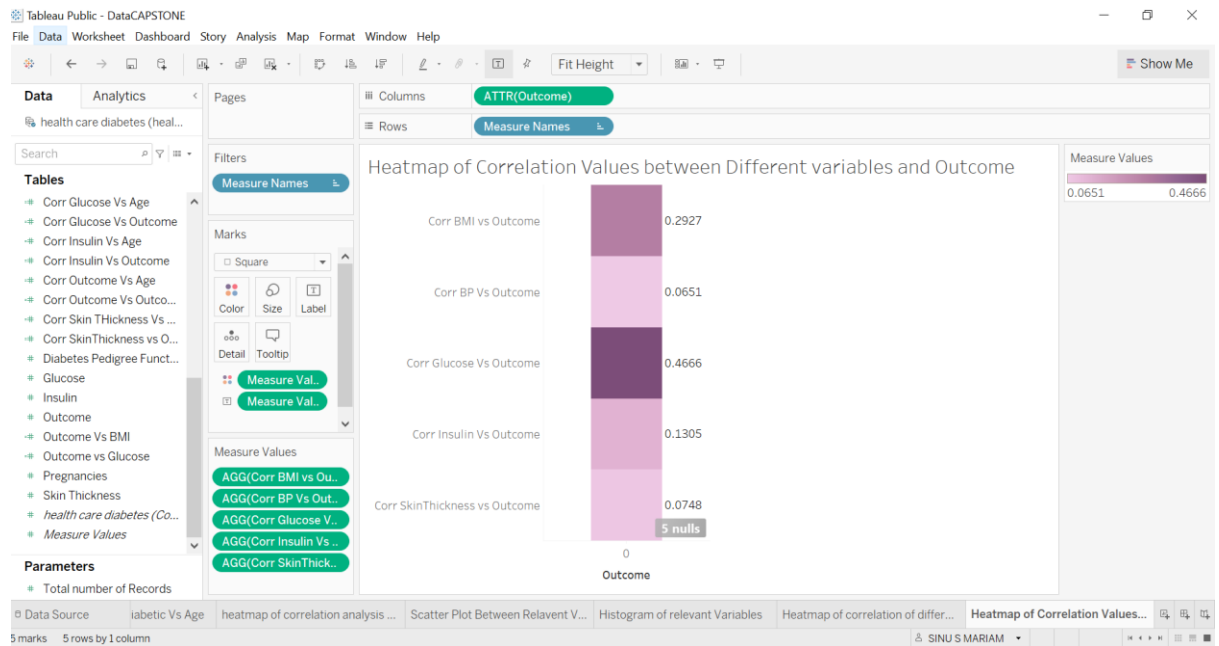


d. Heatmap of correlation analysis among the relevant variables

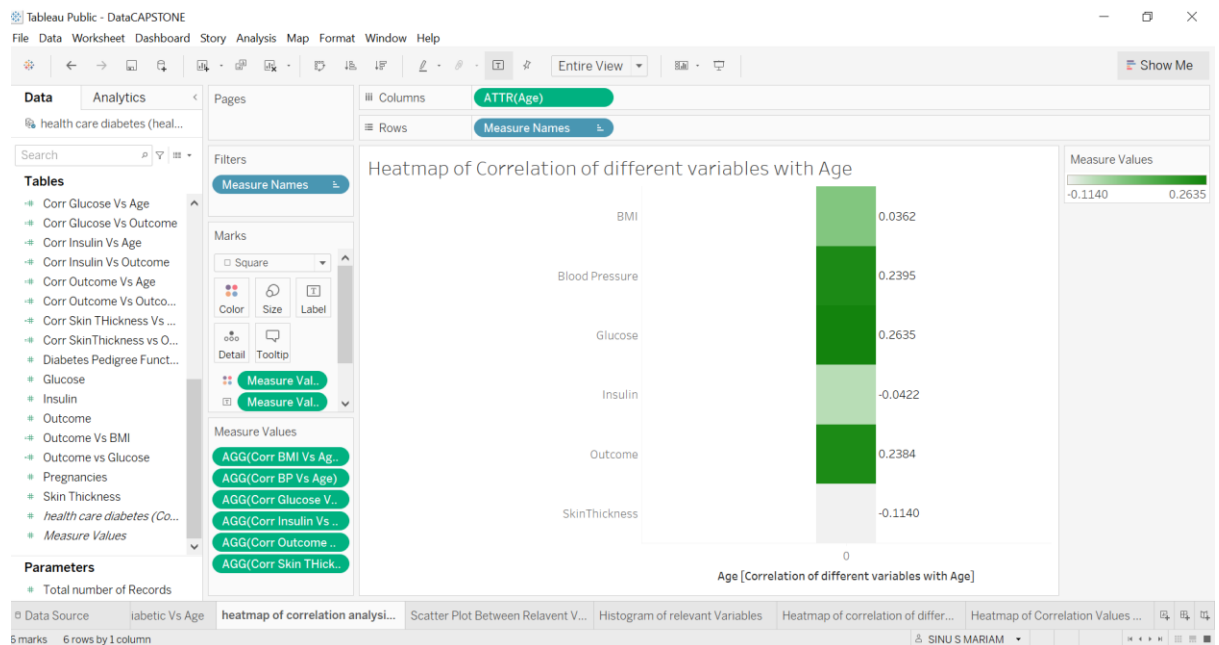
Heatmap of correlation of different variables for different age Groups



Heatmap of Correlation Values between Different Variables and Outcome

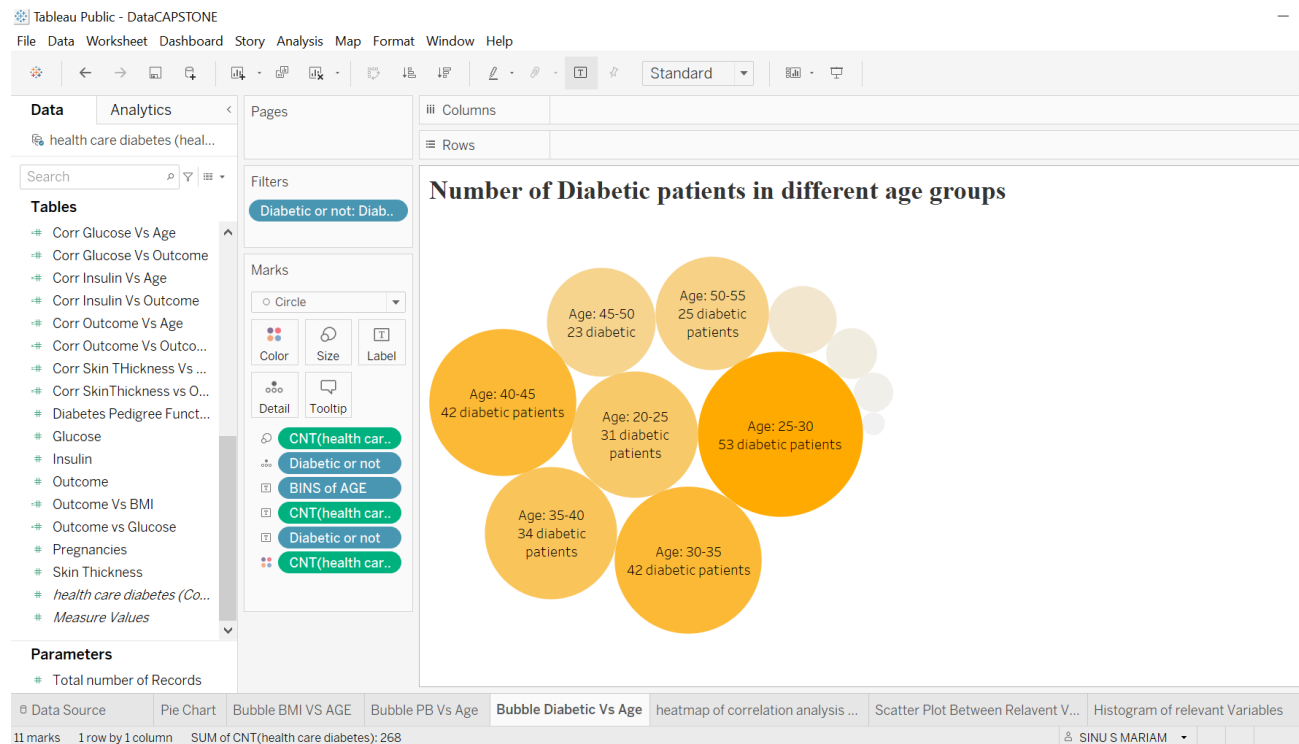


Heatmap of Correlation Values between Different Variables with Age

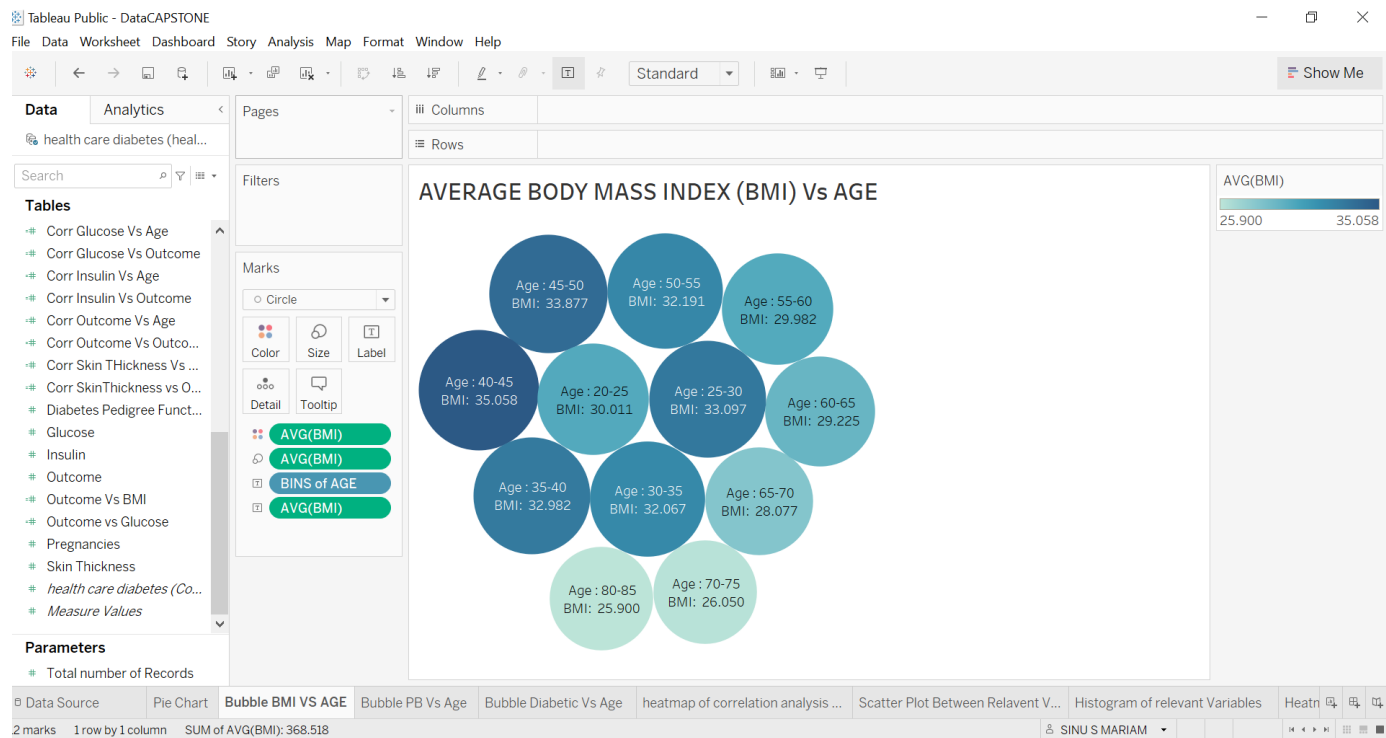


- e. Create bins of these age values: 20-25, 25-30, 30-35, etc. Analyze different variables for these age brackets using a bubble chart.

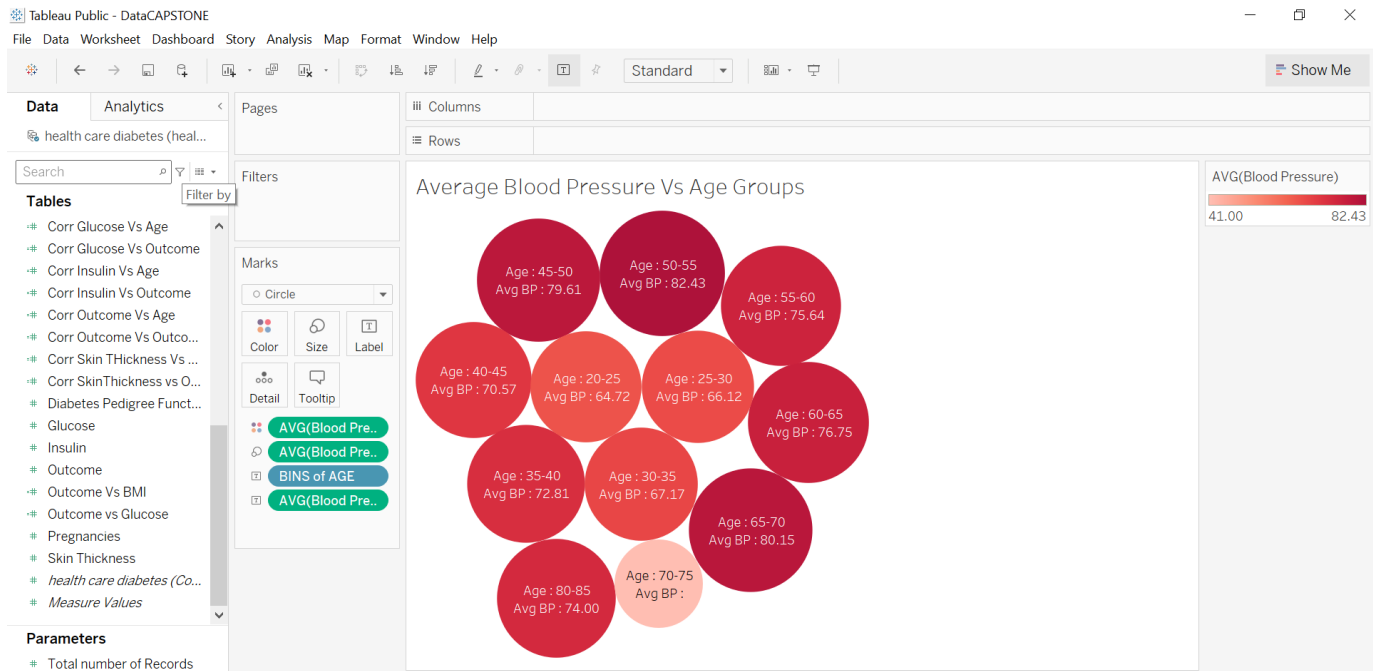
Number of Diabetic patients in different age groups



AVERAGE BODY MASS INDEX (BMI) Vs AGE



Average Blood Pressure Vs Different Age Groups



Final Dashboard Containing Important Information

