Healthcare Analytics - Capstone Project
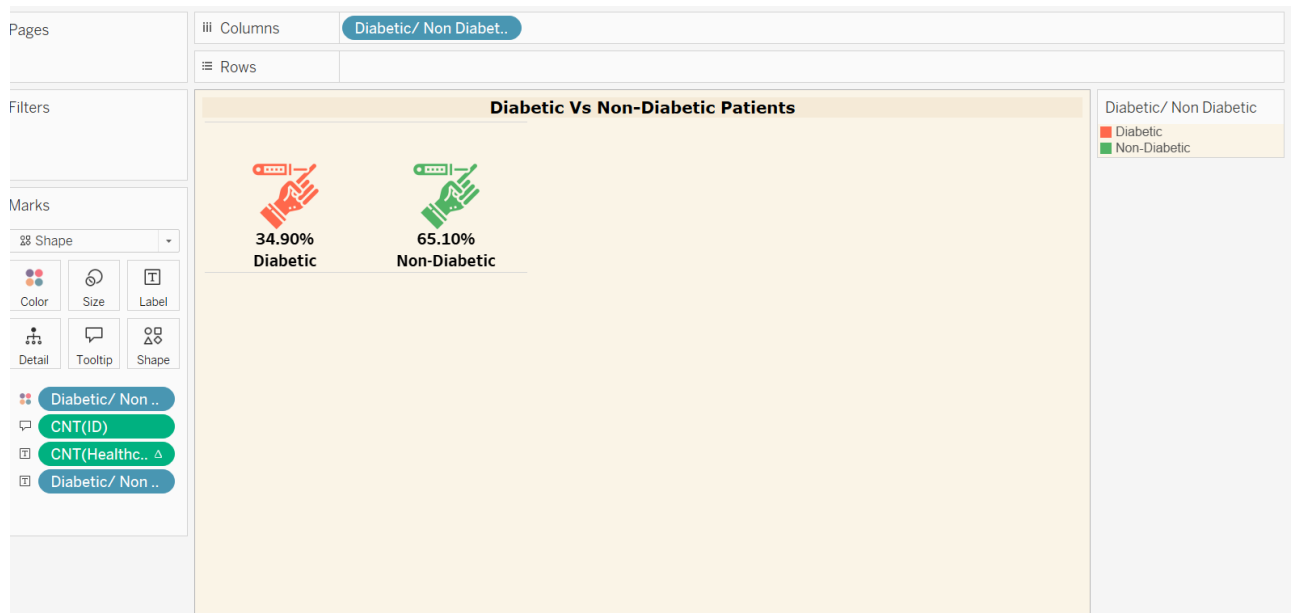
Dashboard 1
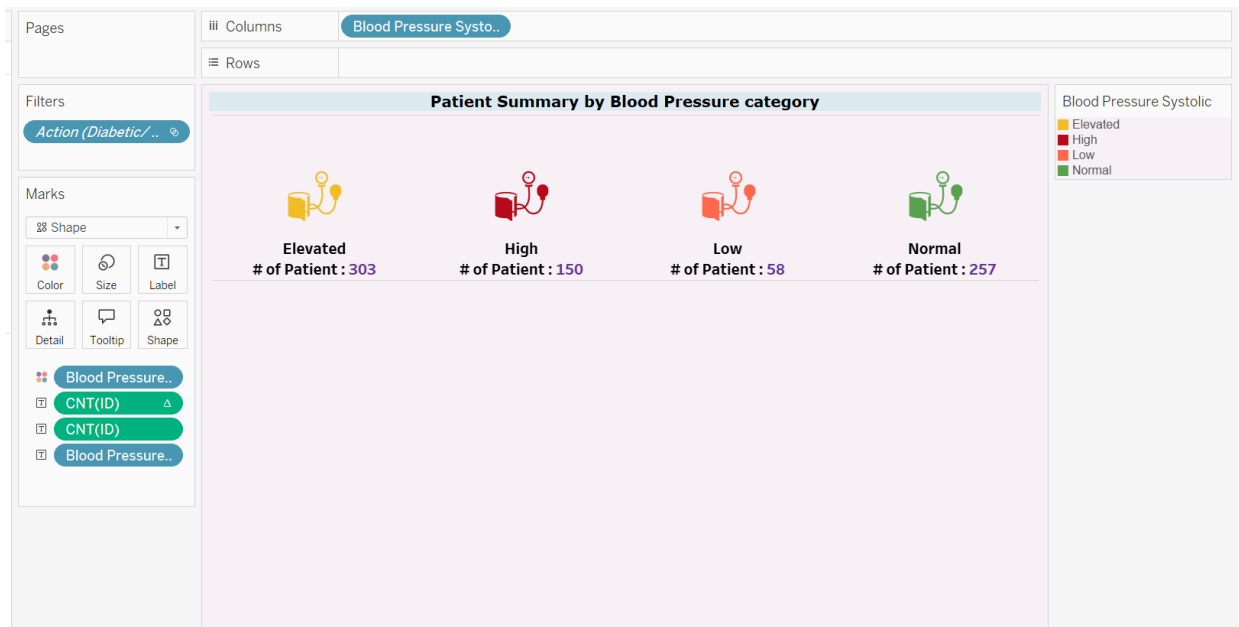

Dashboard2

Healthcare Summary Report

Diabetic Vs Non-Diabetic Patients		Patient Summary by Blood Pressure category			
34.90% Diabetic	65.10% Non-Diabetic	Elevated # of Patient : 303	High # of Patient : 150	Low # of Patient : 58	Normal # of Patient : 257

Patient Distribution Body Mass Index (BMI)

24.03%	61.46%	12.81%

■ Underweight ■ Overweight ■ Obese ■ Healthy Weight

BMI by Age group

Age group	BMI
20-24	30.35
25-29	33.10
30-34	32.07
35-39	32.98
40-44	35.06
45-49	33.88
50-54	32.71
55-59	29.98
60-64	29.23
65-69	28.08
70-74	26.05
75+	25.90

		# of Patient
Diabetic	Elevated	100
	High	51
	Low	19
	Normal	98
Non-Diabetic	Elevated	203
	High	99
	Low	39
	Normal	159

View 1: Diabetic/Non-diabetic using Shapes

Pages		
	Columns	Diabetic/ Non Diabet..
	Rows	

Filters

Marks

Shape

Color	Size	Label
Detail	Tooltip	Shape

- Diabetic/ Non ..
- CNT(ID)
- CNT(Healthc.. △
- Diabetic/ Non ..

Diabetic Vs Non-Diabetic Patients

34.90%
Diabetic

65.10%
Non-Diabetic

Diabetic/ Non Diabetic
- Diabetic
- Non-Diabetic

View 2: Patient summary by Blood Pressure category

Pages		
	Columns	Blood Pressure Systo..
	Rows	

Filters

Action (Diabetic/ ..

Marks

Shape

Color	Size	Label
Detail	Tooltip	Shape

- Blood Pressure..
- CNT(ID) △
- CNT(ID)
- Blood Pressure..

Patient Summary by Blood Pressure category

Elevated
# of Patient : 303

High
# of Patient : 150

Low
# of Patient : 58

Normal
# of Patient : 257

Blood Pressure Systolic
- Elevated
- High
- Low
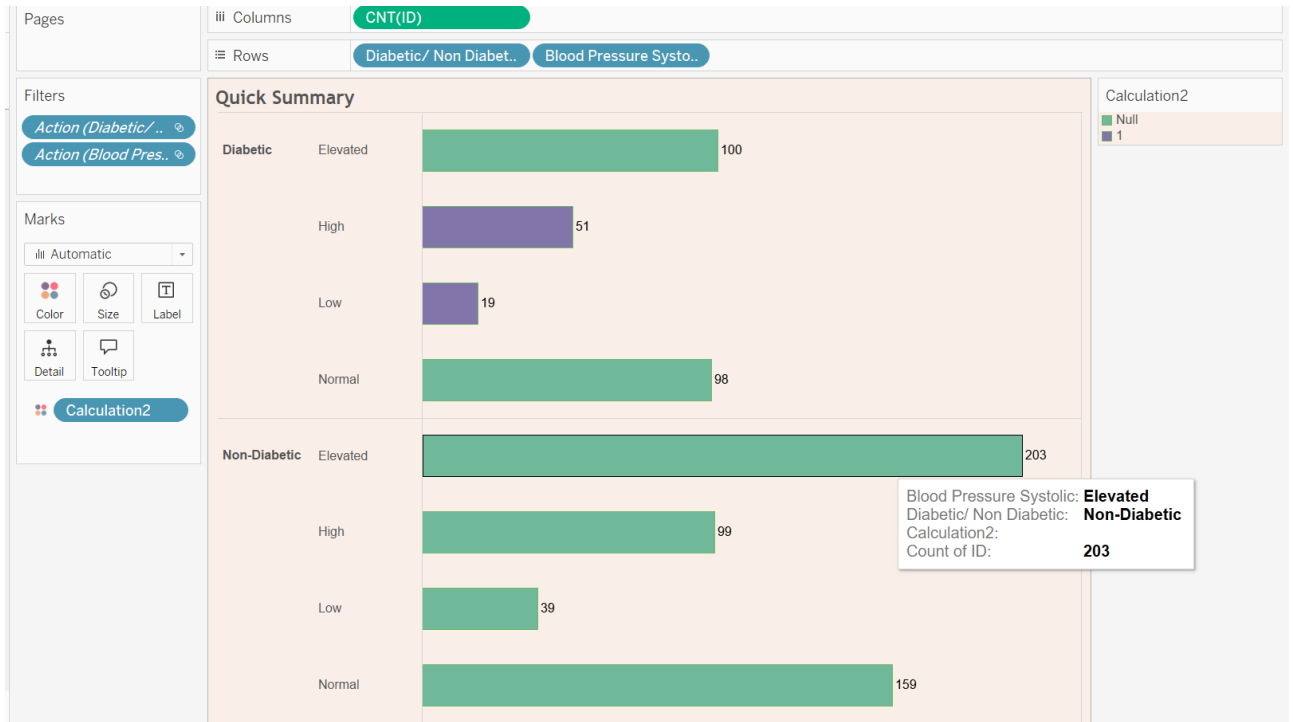- Normal

View 3: Create a Histogram to show Body Mass Index (BMI) by Age Groups.

View 4: Single Bar showing percent distribution of patients by BMI type
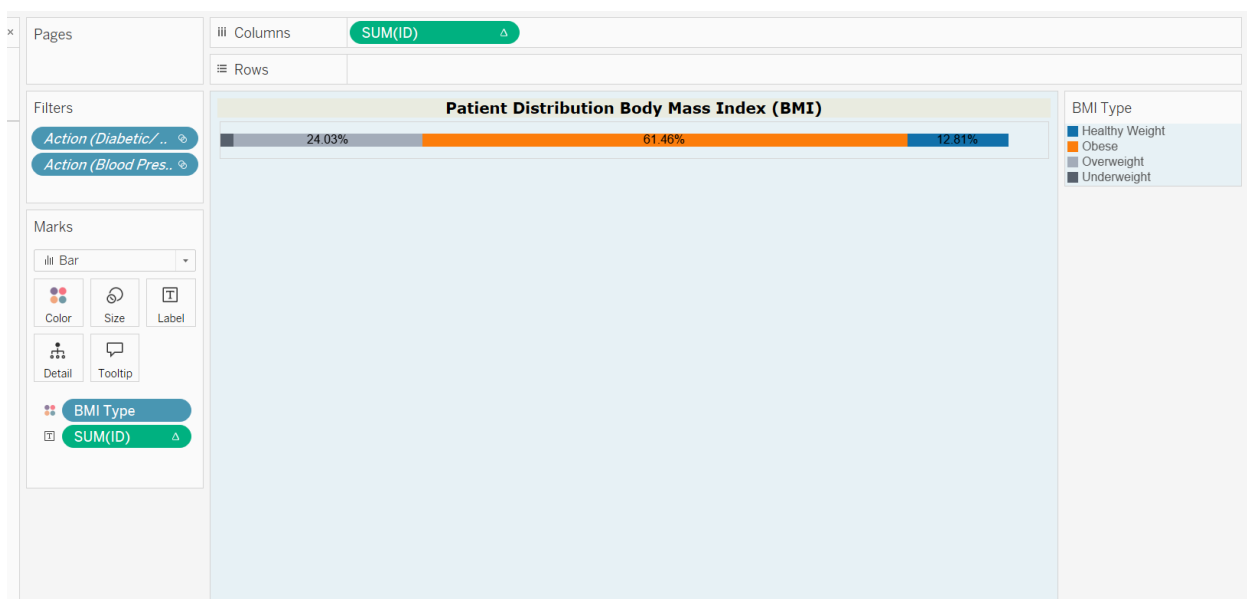
View 5: Bar Chart showing Patient break down by Blood Pressure and Diabetes

View 6: Build a HEAT MAP showing several health factors by Age group