

Healthcare Analytics - Capstone Project

Dashboard 1 Requirements

- Take any image regarding healthcare and drag it to the dashboard.
- Using Text object, give it a meaningful name based on your data analysis of the file.



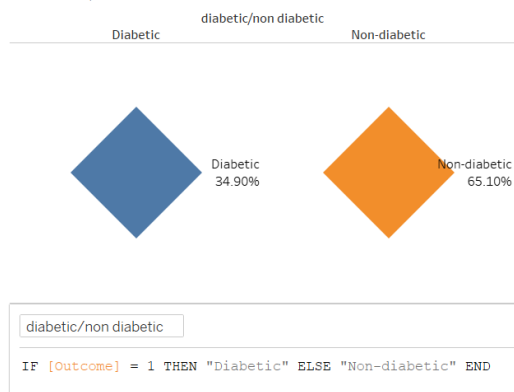
CARE IS BETTER THAN DISEASE

Dashboard 2 Requirements

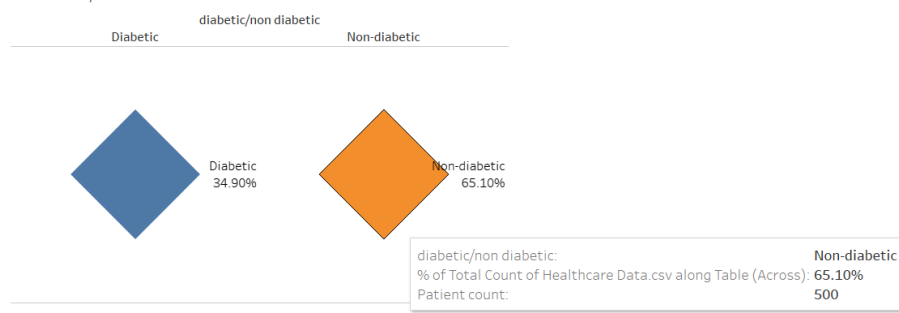
View 1: Diabetic/Non-diabetic using Shapes

- Use Shapes to show the distribution between diabetic/non-diabetic patients.
- Using the "Outcome" field, write a calculated field by classifying 1 as Diabetic patients and 0 as Non-diabetic patients.
- Show the percent distribution as shown in the expected view.
- Use the color of your choice to differentiate Diabetic Vs. Non-diabetic patients.
- Tooltip should display patient count.
- You can use shapes of your choice or use the below one.
- Format as per your choice.
- Enable Action filters.

Diabetic/Non diabetic

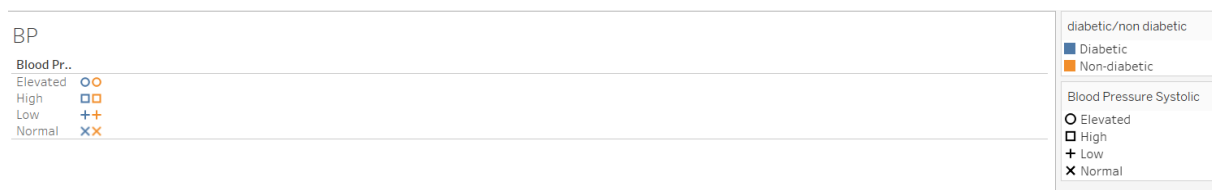


Diabetic/Non Diabetic



View 2: Patient summary by Blood Pressure category

- Use any shape of your choice to show patient summary by blood pressure category.
- Show the Patient count and BP category type on the labels.
- Use the color of your choice to differentiate Diabetic Vs. Non-diabetic patients.
- Format as per your choice.
- Enable Action filters.

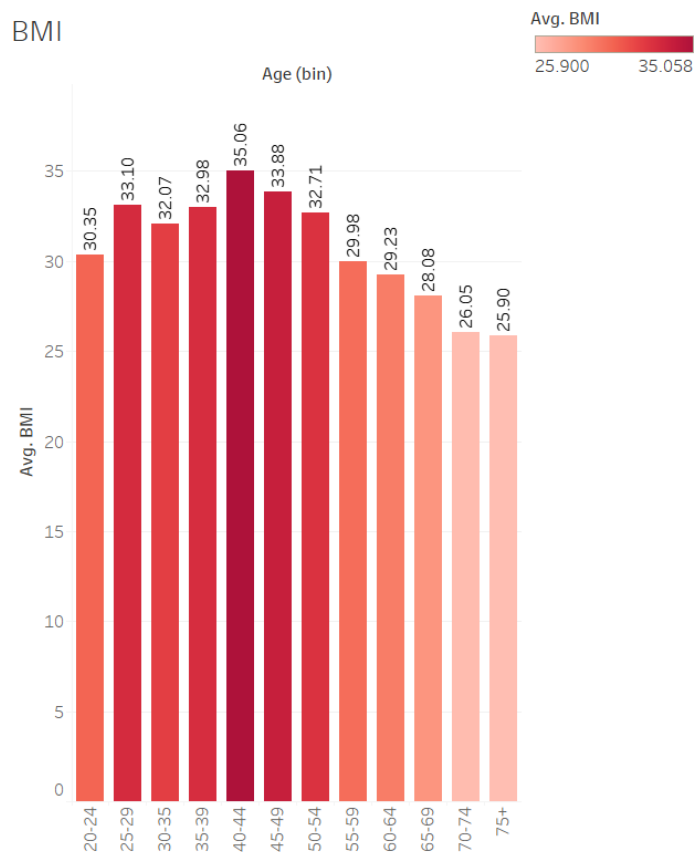


View 3: Create a Histogram to show Body Mass Index (BMI) by Age Groups.

- Since we need to build a Histogram, using the Age field, let's create bins using size 5.
- In a Histogram, you will have bins 20, 25, 30, etc. So, the bin size 20 will include age groups between 20-24, and size 25 will include 25-29. So, to be clear let's edit the aliases of the age groups as

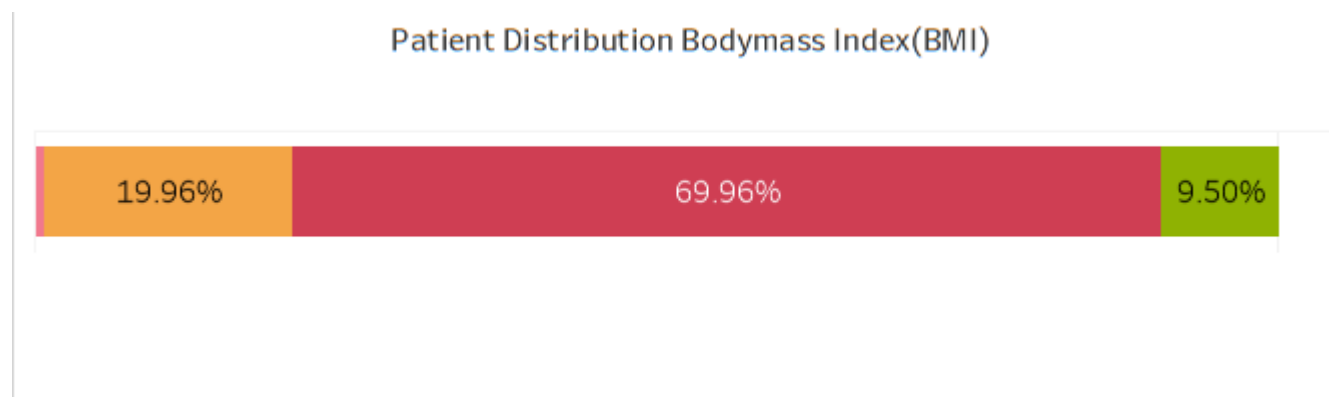
it might confuse the users. So, let's use aliases as shown below or you can create a calculated field for the Age groups.

Member	Has Alia:	Value (Alias)
20	*	20-24
25	*	25-29
30	*	30-35
35	*	35-39
40	*	40-44
45	*	45-49
50	*	50-54
55	*	55-59
60	*	60-64



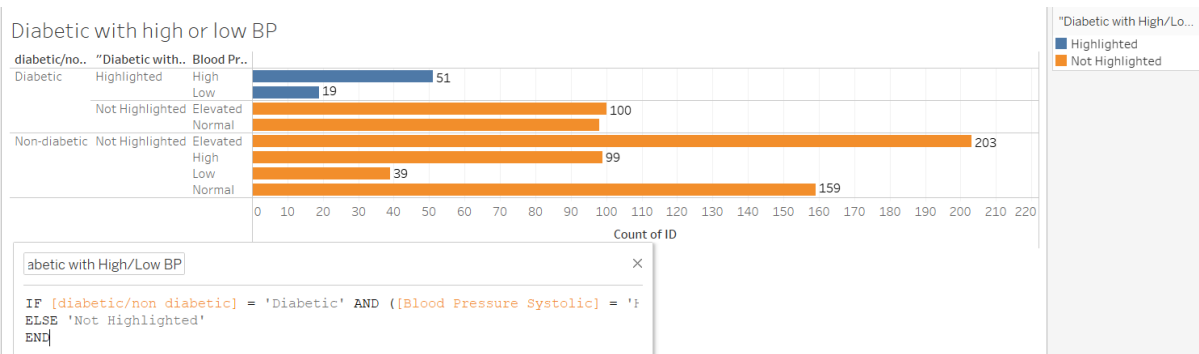
View 4: Single Bar showing percent distribution of patients by BMI type

- Create a calculated field to classify Patients by BMI types.
 - [BMI]<18.5= 'Underweight'
 - [BMI]>=18.5 and [BMI]<25 ='Healthy Weight'
 - [BMI]>=25 and [BMI]<30 = 'Overweight'
 - [BMI]>=30 ='Obese'
- Enable Action filters.

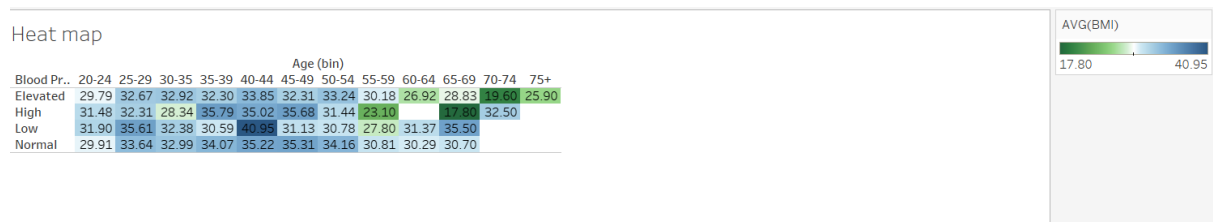


View 5: Bar Chart showing Patient break down by Blood Pressure and Diabetes

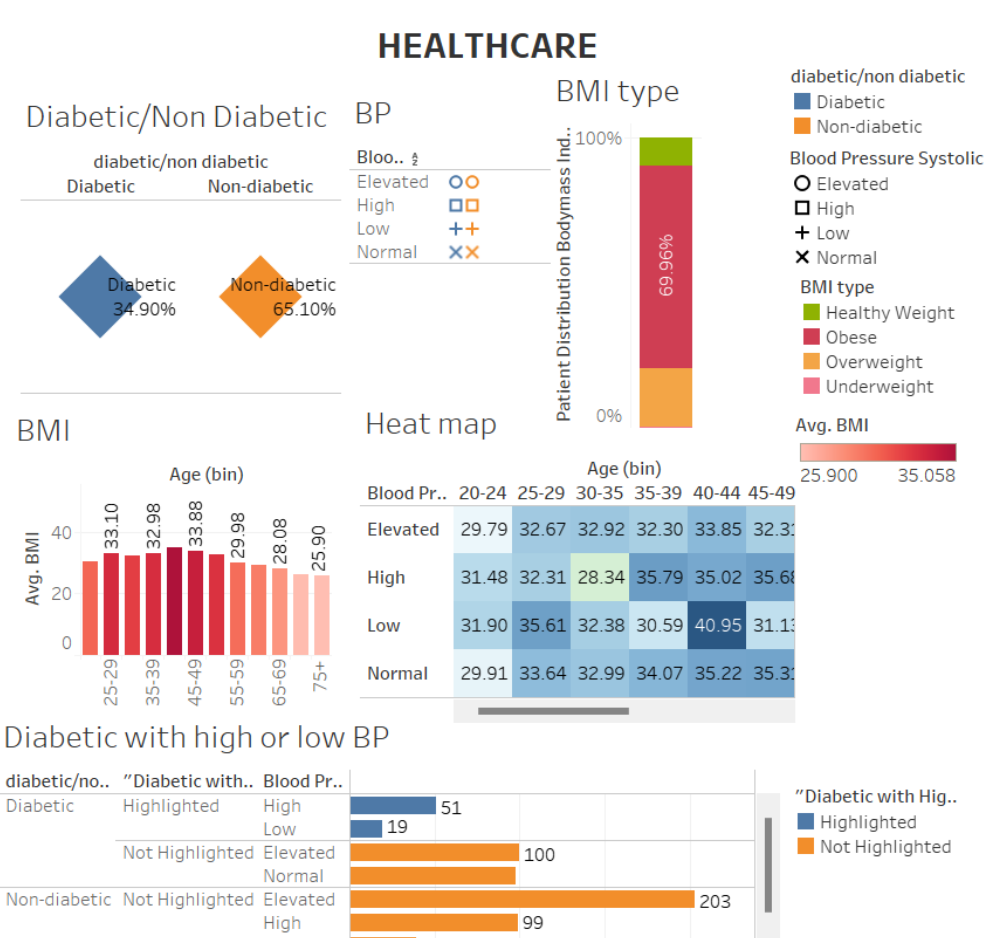
- Create a calculated field to only highlight Diabetic patients with High and Low blood pressures.



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



DASHBOARD 2



STORY

Story Requirements

- Story Name: Healthcare
- Story Title: Healthcare Summary Report
- Story description: Add one if you wish to
- Story size: Custom Size (best choice)
- Story Layout: Navigator style should be set to Numbers
- Story Point 1: Should contain Dashboard 1
- Story Point 2: Should contain Dashboard 2
- Story Point 3: Should contain Heat Map Worksheet

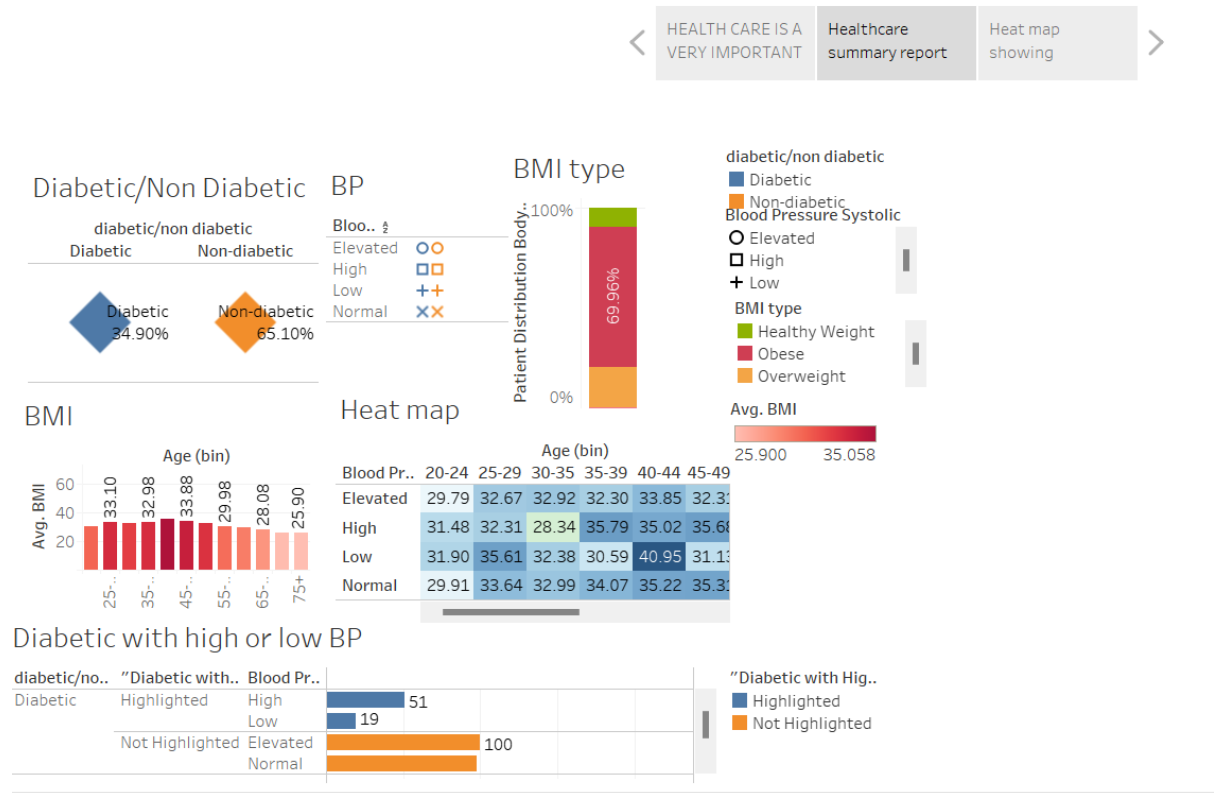
STORY POINT 1

HEALTHCARE SUMMARY REPORT



STORYPOINT 2

HEALTHCARE SUMMARY REPORT



STORYPOINT 3

HEALTHCARE SUMMARY REPORT

