**Tableau Project Requirement**

* The workbook should have two dashboards.
* The Workbook should have a Story consisting of several Story points based on the requirement.
* Each worksheet/view/chart should meet the business requirement.
* Workbook should be published to Tableau Public if possible.

**Business Requirement**  
  
Connect to the CSV file Healthcare dataset, which includes the data regarding patients’ blood pressure, BMI, glucose, insulin, and diabetes for patients from the 20+ age group. Build 2 dashboards and then create a story using the 2 dashboards and a worksheet.

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.

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.

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

* Create a calculated field to classify Patients by BMI type

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

Story Point : Should contain Heat Map Worksheet