

1. Uploaded the excel file as datasource .

The screenshot shows the Tableau Public interface with the following details:

- File Menu:** File, Data, Window, Help.
- Connections:** New Microsoft Excel.
- Sheets:** health care diabetes, New Union.
- Migrated Data:** A table with 14 columns and 15 rows. The columns are labeled: Pregnancies1, Glucose1, Blood Pressure, Skin Thickness, Insulin1, BMI1, Diabetes Pedl.., Age1, Outcome, Diabetic or no..., Age Bins, Calculation, Age new, and vAge.
- Table Headers:** health care diabetes, health care dia..., health care dia... (repeated).
- Data:** Sample data includes rows like (6, 148, 72, 35, 0, 33.6000, 0.62700, 50, 1, Diabetic, 45-50, 45-50), (1, 85, 66, 29, 0, 26.6000, 0.35100, 31, 0, Non-Diabetic, Null, Null), etc.
- Bottom Navigation:** Data Source, Diabetic Vs NonDiabetic, BMI Vs Age, BP Vs Age, Heat Map With All Variables.
- Bottom Right:** MONALISA PATI.

2. Created the calculated field for making the pie chart for the depiction of 'diabetic' or 'non-diabetic' sections of population as per data provided in the sheet.

The screenshot shows the Tableau Public interface with the following details:

- File Menu:** File, Data, Worksheet, Dashboard, Story, Analysis, Map, Format, Window, Help.
- Data View:** Shows the 'Diabetes / Non Diabetes' worksheet.
- Left Panel (Data):**
 - Tables:** health care diabetes (heat...).
 - Measure Names:** Age1, Blood Pressure, BMI1, Diabetes Pedigree Function, Glucose1, Insulin1, Outcome, Pregnancies1, Skin Thickness, Migrated Data (Count), Number of Records, Measure Values.
 - Calculated Fields:** Diabetic or non diabetic.
- Middle Panel (Marks):**
 - Marks Type:** All, Pie.
 - Legend:** Diabetic or non diabetic (Diabetic in red, Non-Diabetic in teal).
 - Calculated Field Definition:**

```
IF [Outcome] =1 THEN "Diabetic"
ELSEIF [Outcome]=0 THEN "Non-Diabetic"
END
```
 - Calculation Status:** The calculation is valid.
- Bottom Navigation:** Data Source, Diabetic Vs NonDiabetic, BMI Vs Age, BP Vs Age, Heat Map With All Variables.
- Bottom Right:** MONALISA PATI.



