

Universal HEALTHCARE Services

Providing Digital Healthcare Services
at Patients Doorstep and
Affordable Healthcare For All



National Hospital Based Multi-Centric Diabetes Registry-HMDR



OFTEN
THIRSTY



HIGH BLOOD
PRESSURE



OFTEN
HUNGRY



BLURRED
VISION



WEIGHT
GAIN



FREQUENTLY
URINATION



FEELING
SLEEPY



WOUNDS
HEAL SLOWLY



FEELING
WEAK



SSKM, TAMILNADU

a. Data type

This dataset has both numerical as well as categorical data.

Using Tableau, we can create a visualization for the dataset.

The given dataset contains 3341 row and 586 columns.

Column contain different attributes that is related to the patients.

From the data we can say that, all patients are provided with private facility I was given a hospital visualization.

This dataset contains past health condition of a patients.

Below are some visualizations with inference.

b. Data Source

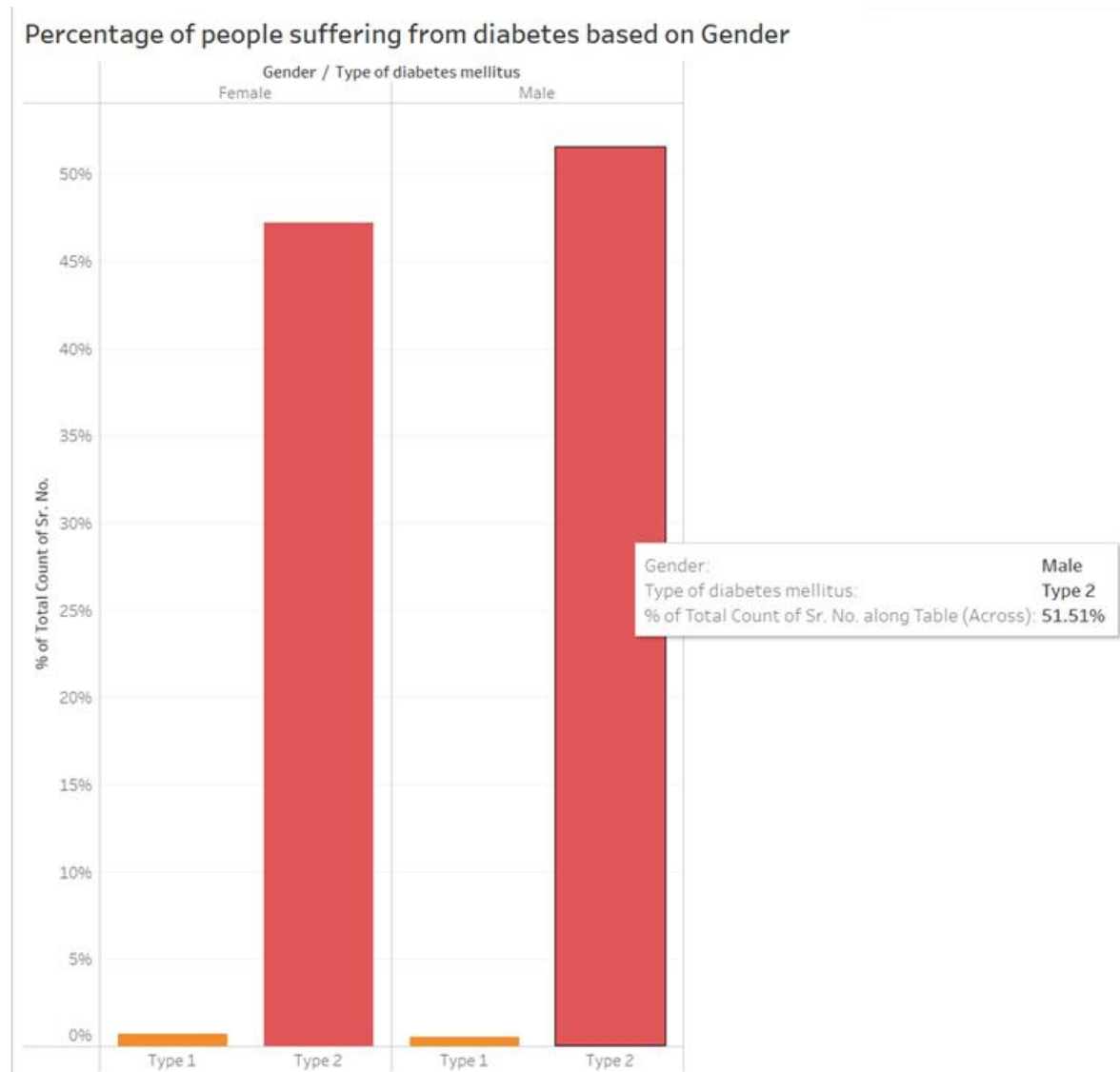
Primary Source: Biotechnology Industry Research Assistance Council (BIRAC) is a not-for-profit Section 8, Schedule B, Public Sector Enterprise, set up by Department of Biotechnology (DBT), Government of India as an Interface Agency to strengthen and empower the emerging Biotech enterprise to undertake strategic research and innovation, addressing nationally relevant product development needs. This dataset has been taken from the BIRAC.

Secondary Source: Like primary source, secondary source is also major stream of information for the report. List of the secondary source is

1. Internet
2. Social Network Sites
3. Text books
4. Several other reports
5. And other sources

3.1 Finding and impact of analysis

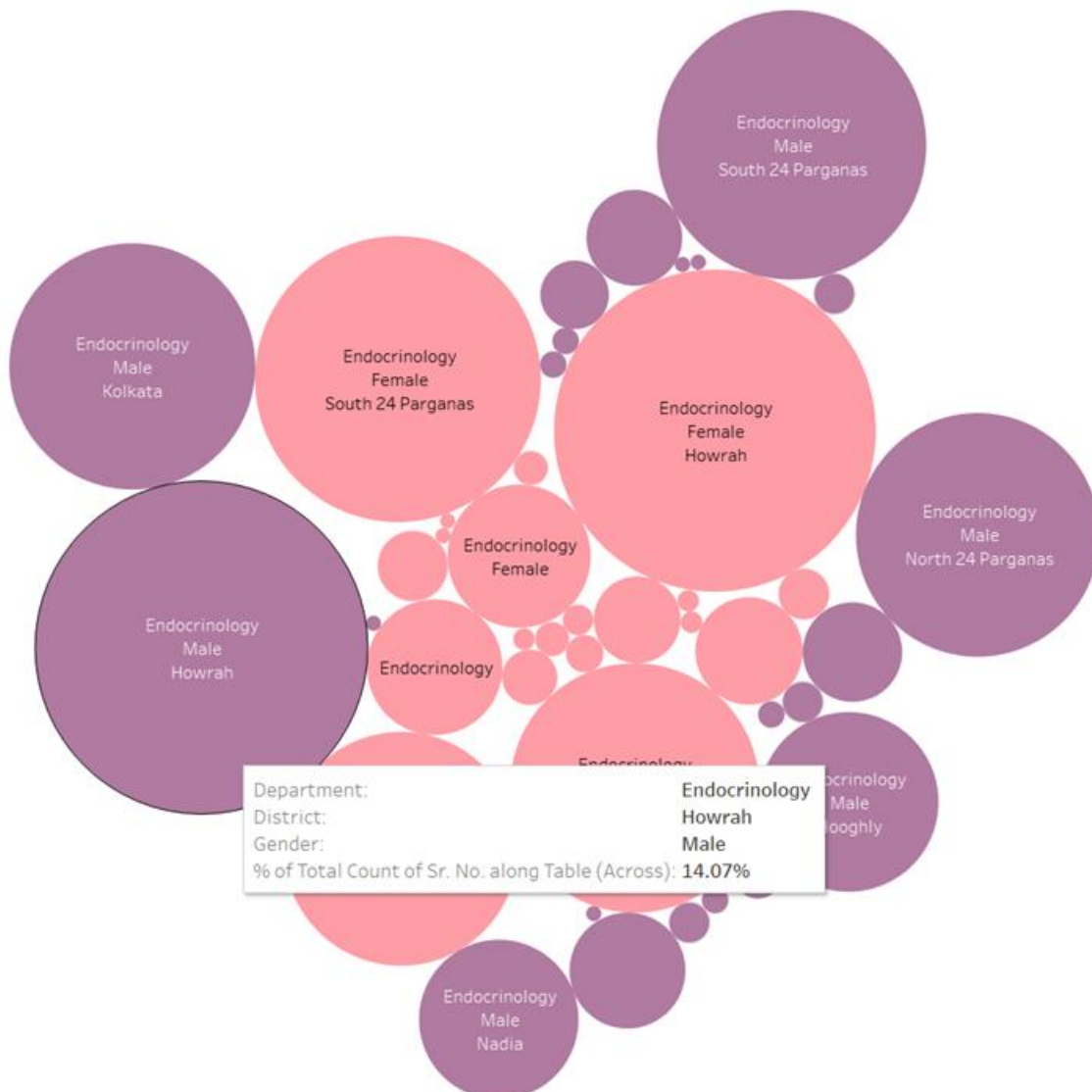
REPORT 1



- The above report contains the types of diabetes mellitus based on gender.
- Type 2 diabetes has shown a slightly higher prevalence in males 51.51% compared to females 47.23%.
- However, this difference may vary in different populations and regions.

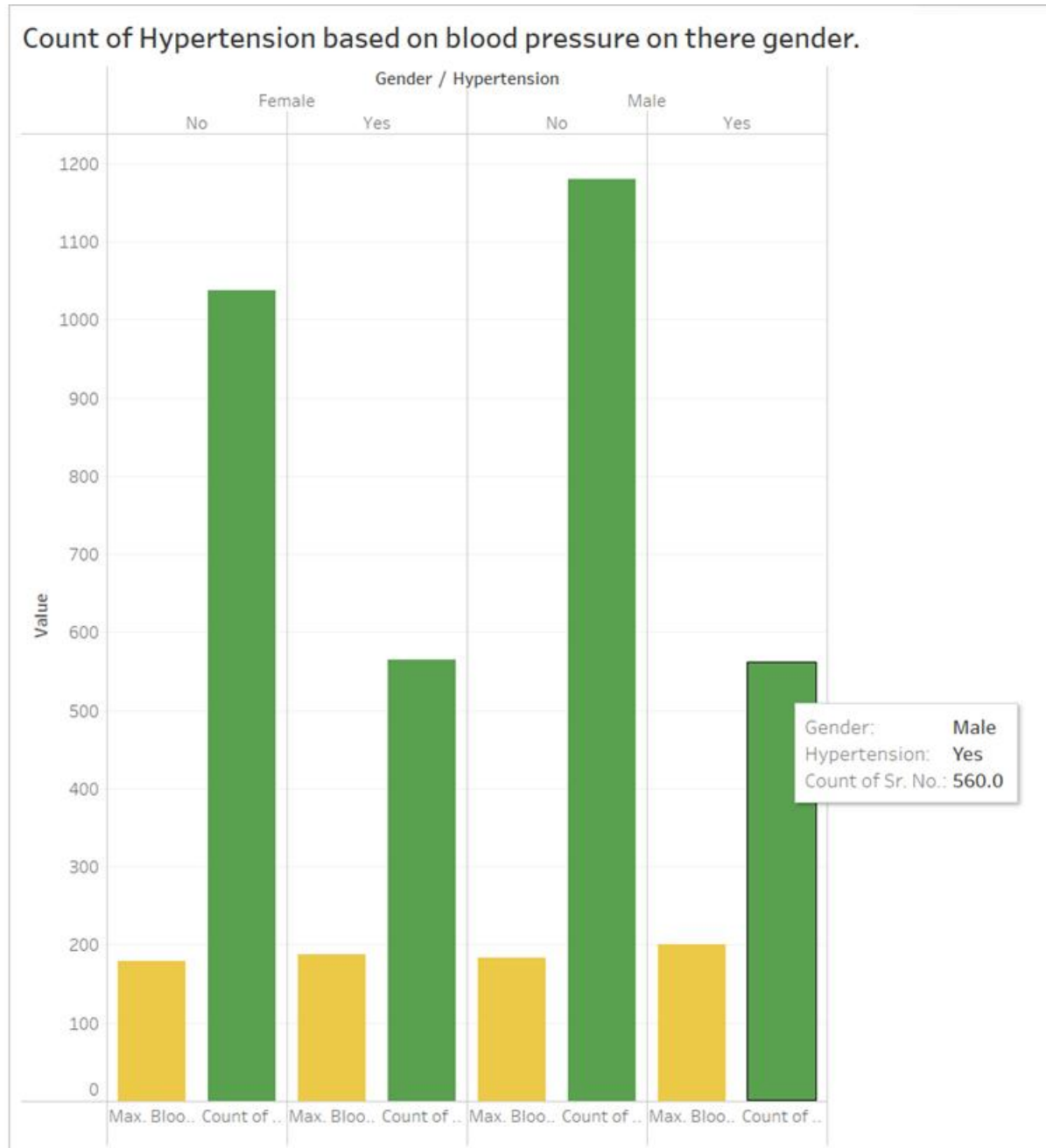
REPORT 2

Percentage of people based on Department, District and Gender



- The above report contains percentage of people based on department, district gender.
- Here, the parameter I have taken is departments.
- This report shows the percentage of gender who are more in particular department and district.
- Here, we compare female are less in Endocrinology in Howrah is 13.17% , male are high in Endocrinology in Howrah is 14.07% .

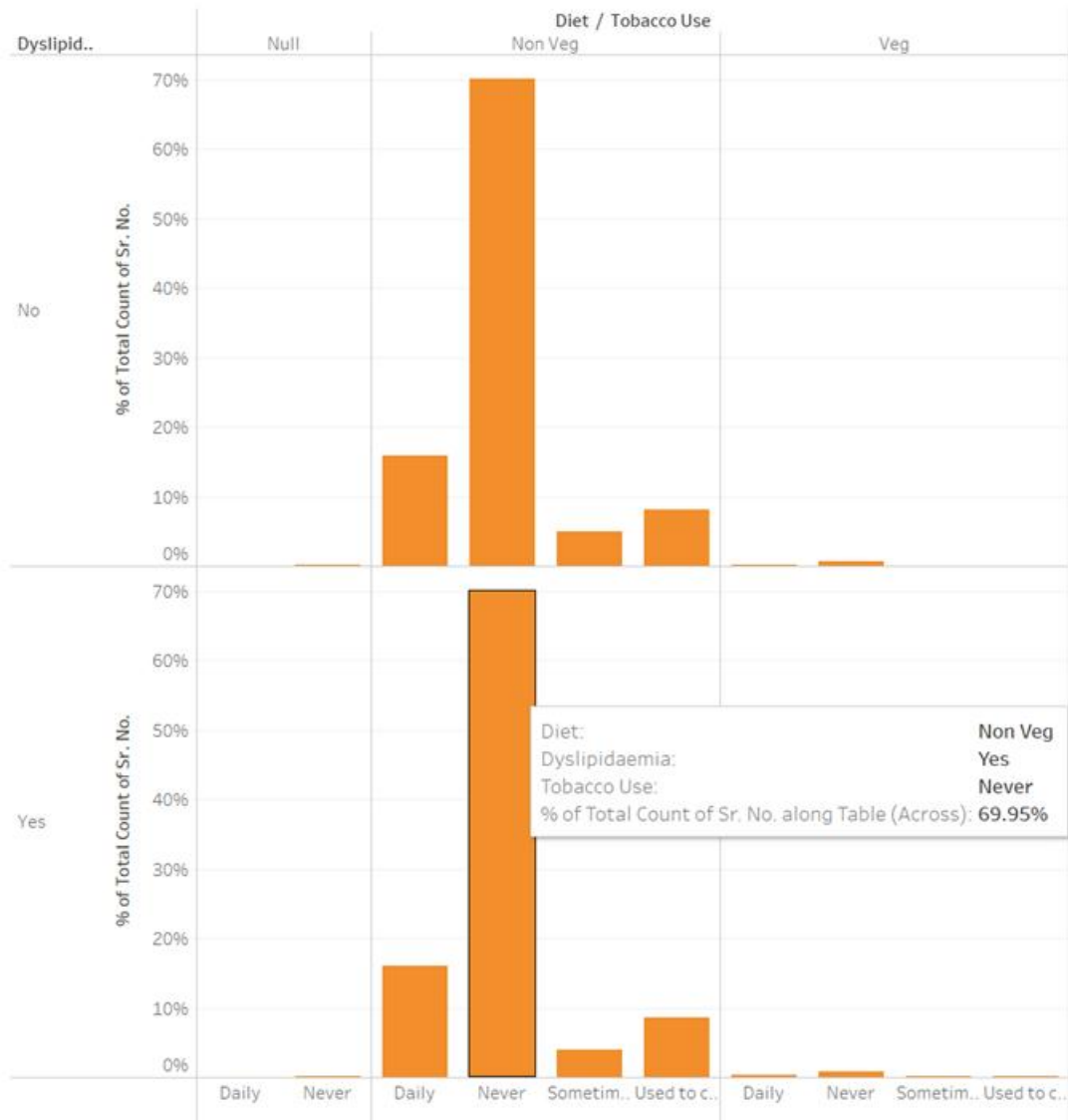
REPORT 3



- The above report contains count of hypertension based on blood pressure on gender.
- Here, the parameter I have used hypertension.
- In this bar graph Female has high hypertension compare to male.
- Here, the blood pressure is same to male and female.

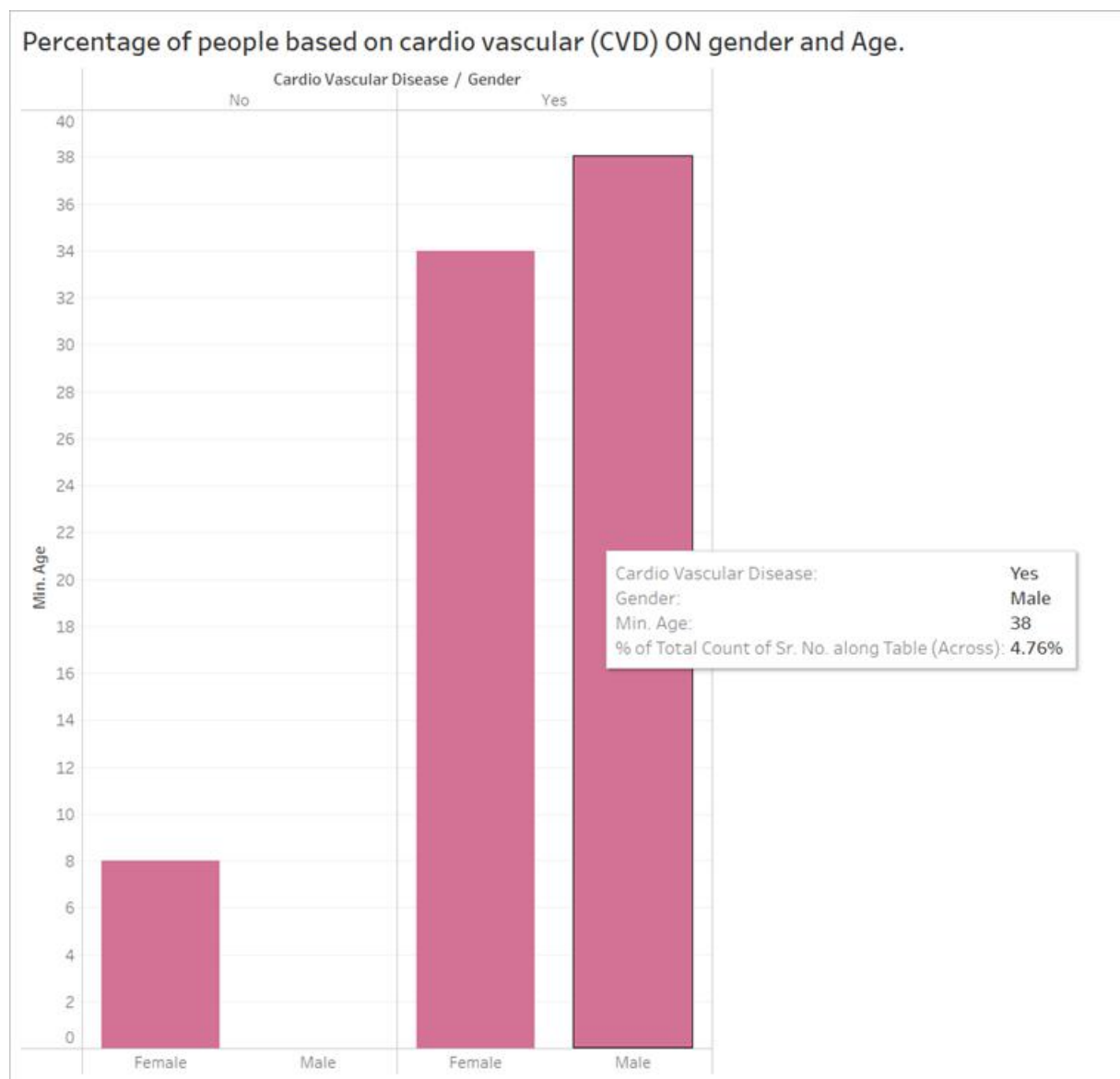
REPORT 4

Percentage of people suffering from Dyslipidaemia based on Tobacco use of Diet.



- The above report contains percentage of people suffering from Dyslipidaemia based on Tobacco use of diet.
- Here, the parameter I have used Dyslipidaemia.
- In this the diet is non veg and they have Dyslipidaemia, never used tobacco then it is the 69.95% is the highest people .

REPORT 5

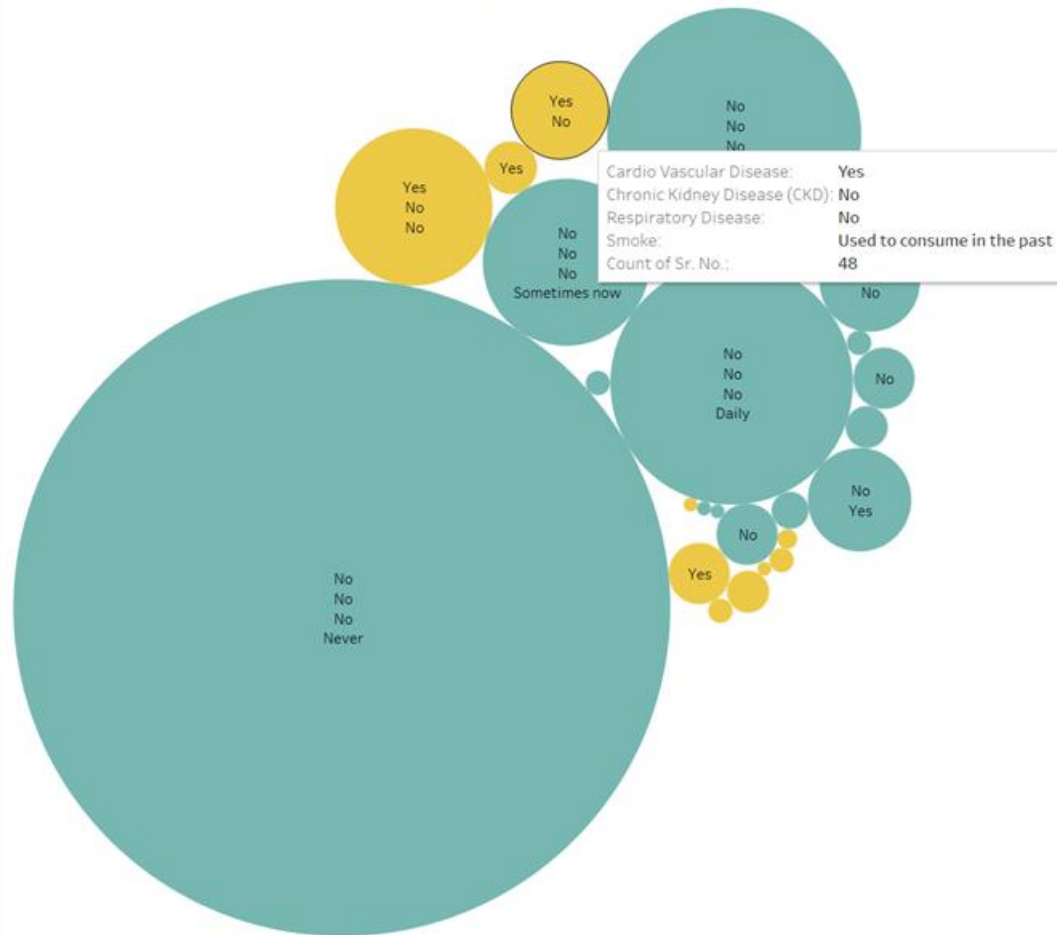


- The above report contains that count of people suffering from Cardio vascular (CVD) based on gender and minimum age.
- Here, the parameter I have used that Cardio vascular disease.
- In this graph the cardio vascular is high 1,613. And the minimum age is 25.

Note: CVD (Cardio vascular Disease) are a group of disorders of the heart and blood vessels and include coronary heart disease, cerebrovascular disease, rheumatic heart disease and other conditions.

REPORT 6

Count of people suffering from CVD, CKD and Respiratory Disease use of smoke.



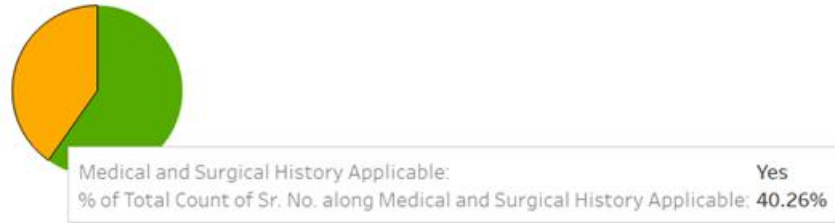
- The above report contains count of people suffering from CVD, CKD and respiratory disease use of smoke.
- Here, the parameter I have taken is diseases.
- This report shows the count of patients that they have consumed smoke and they got highest diseases, that is CVD they will consume smoke daily.

Note: CVD (Cardio vascular Disease) are a group of disorders of the heart and blood vessels and include coronary heart disease, cerebrovascular disease, rheumatic heart disease and other conditions.

A type of disease that affects the lungs and other parts of the respiratory system. Respiratory diseases may be caused by infection, by smoking tobacco, or by breathing in secondhand tobacco smoke, radon, asbestos, or other forms of air pollution. Chronic kidney disease, also called chronic kidney failure, involves a gradual loss of kidney function.

REPORT 7

Percentage of patients are there for any of these diseases(Medical and surgical).



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- The above report contains percentage of patients are there for any of these diseases (Medical and surgical).
 - Here, the parameter I have taken is medical and surgical.
 - This report shows the percentage of that they don't have any medical and surgical done is 59.74%.

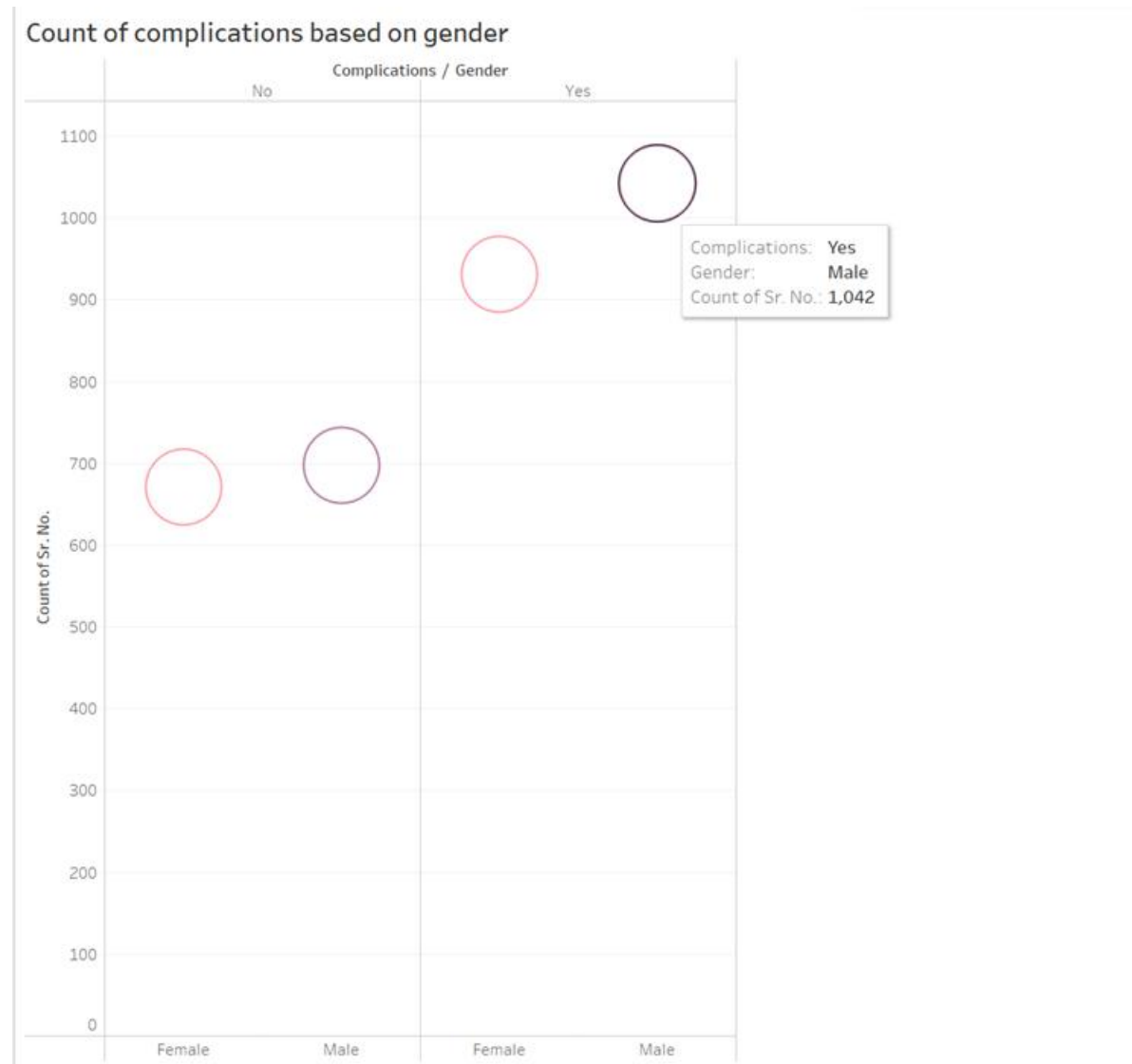
REPORT 8

Count of people are in occupation.



- The above report contains count of Occupation.
- Here, the parameter I have used Occupation.
- In this Tree Map Dark Maroon is the highest people that is Elementary Occupation.
- In Elementary Occupation has 1, 817 people are high.

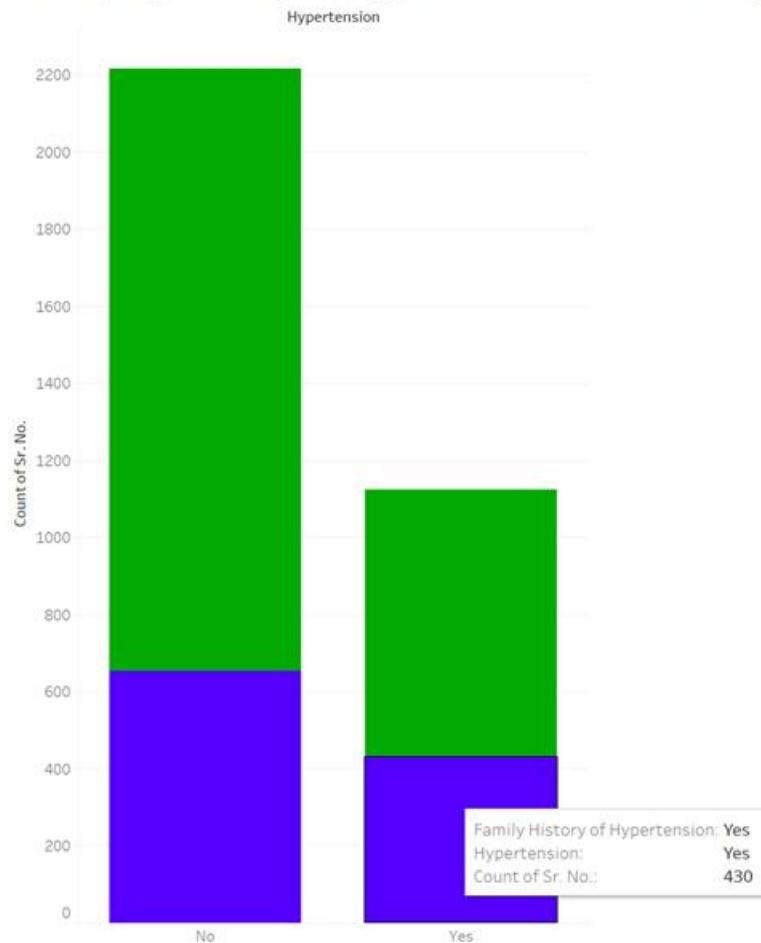
REPORT -9



- The above report contains count of complications based on gender.
- Here, the parameter I have used Complications.
- In this side by side graphs the male complications have highest number of counts when compare to female counts.
- Here the complications count of male is 1, 042.

REPORT -10

Count of people suffering from Hypertension based on there family history of hypertension.



- The above report contains the count of patients are hypertension based on their family history of hypertension.
- Here, the parameter I have taken is family history of hypertension.
- This report shows that count of hypertension patients are suffered from there family history of hypertension are 430 patients.

Note: Hypertension (high blood pressure) is when the pressure in your blood vessels is too high (140/90 mmHg or higher). It is common but can be serious if not treated.