

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



DOCUMENTATION ON

**Data Analysis of NIMS medicity, Trivandrum, Kerala hospital
GPMS Transportal for UHC national diabetic multicentric
hospital registry data set .**

NIMS medicity, Trivandrum, Kerala hospital.



NIMS Medicity also known as NIMS Hospital is a 350-bed tertiary care super specialty hospital situated at Neyyattinkara, Thiruvananthapuram. It is the first initiative in healthcare by the 57-year-old Noorul Islam Educational trust. Nims Medicity was established in the year 2005.

About data set :

Data set contains 5131 rows and column up to 586 .

This is a live data of patient personal information and medical history informati

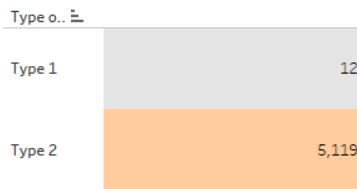
DATA VISUALIZATION IN TABLEAU.

REPORT 1:

Finding out the number of Patient suffering from Type 1 and Type 2 Diabetes Mellites.

Total number of patient is 5131.

among them :



Finding out the total number of Male and Female patient.

Total number of patient is 5131.

number of others/Transgender data is 0.

among them :

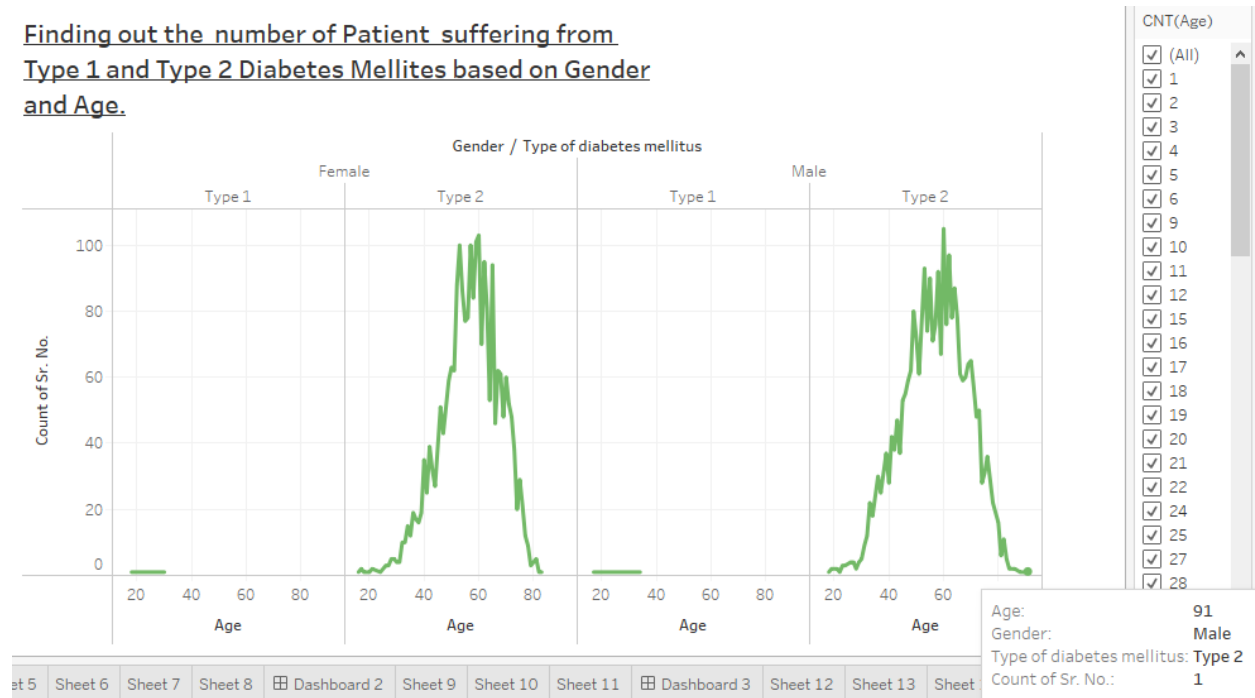


INFERENCE : In NIMS hospital there are 12 patient suffering from type 1 and 5,119 patient suffering from type 2.

2,413 patient are female and 2,718 patient are male.

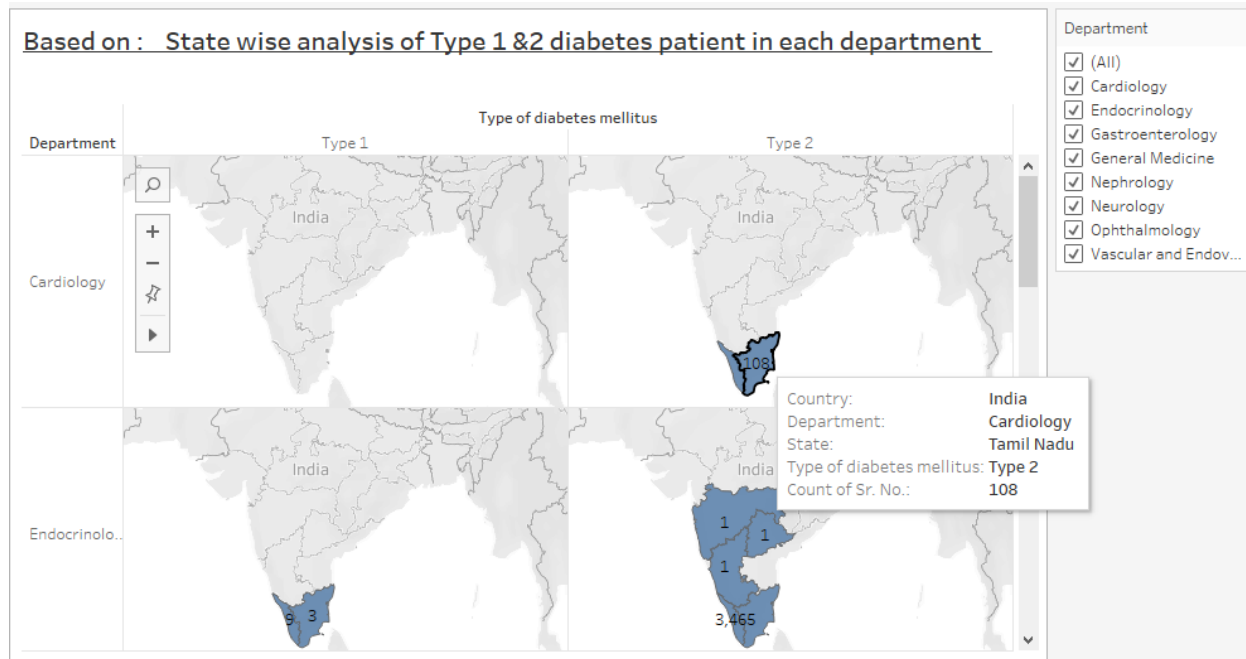
REPORT 2:

Finding out the number of Patient suffering from Type 1 and Type 2 Diabetes Mellites based on Gender and Age.



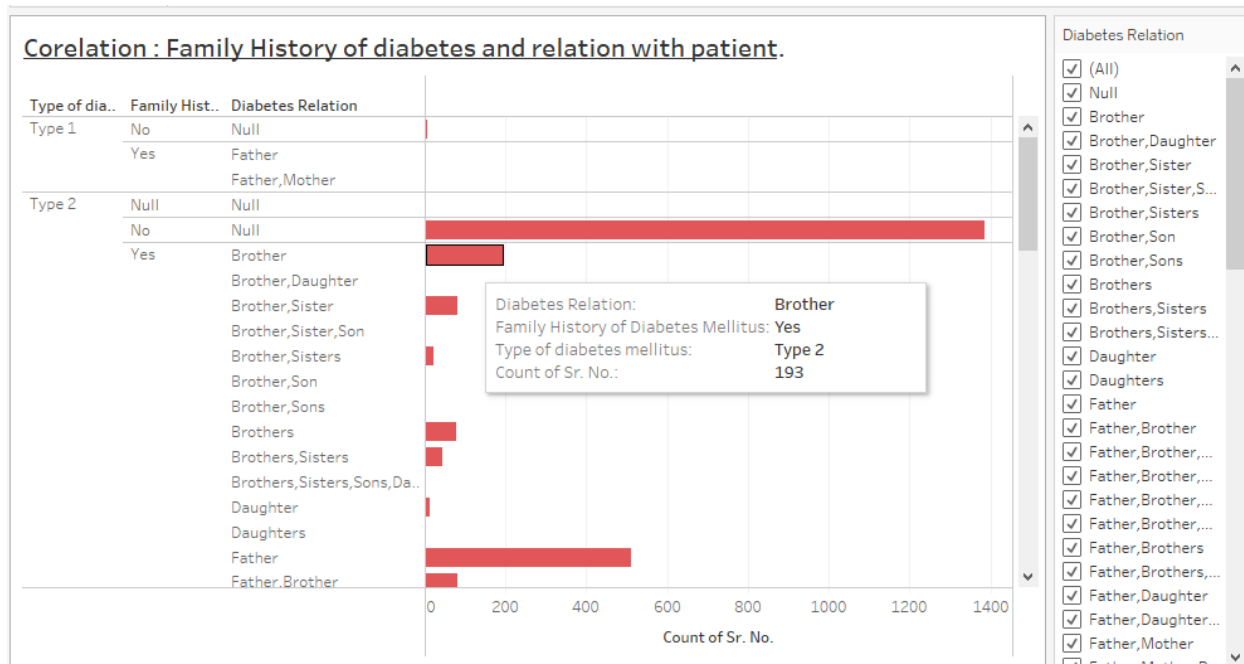
INFERENCE : 1 male patient is suffering from type 2 diabetes who is 91 year old . and we can find out for particular age and gender.

REPORT 3:



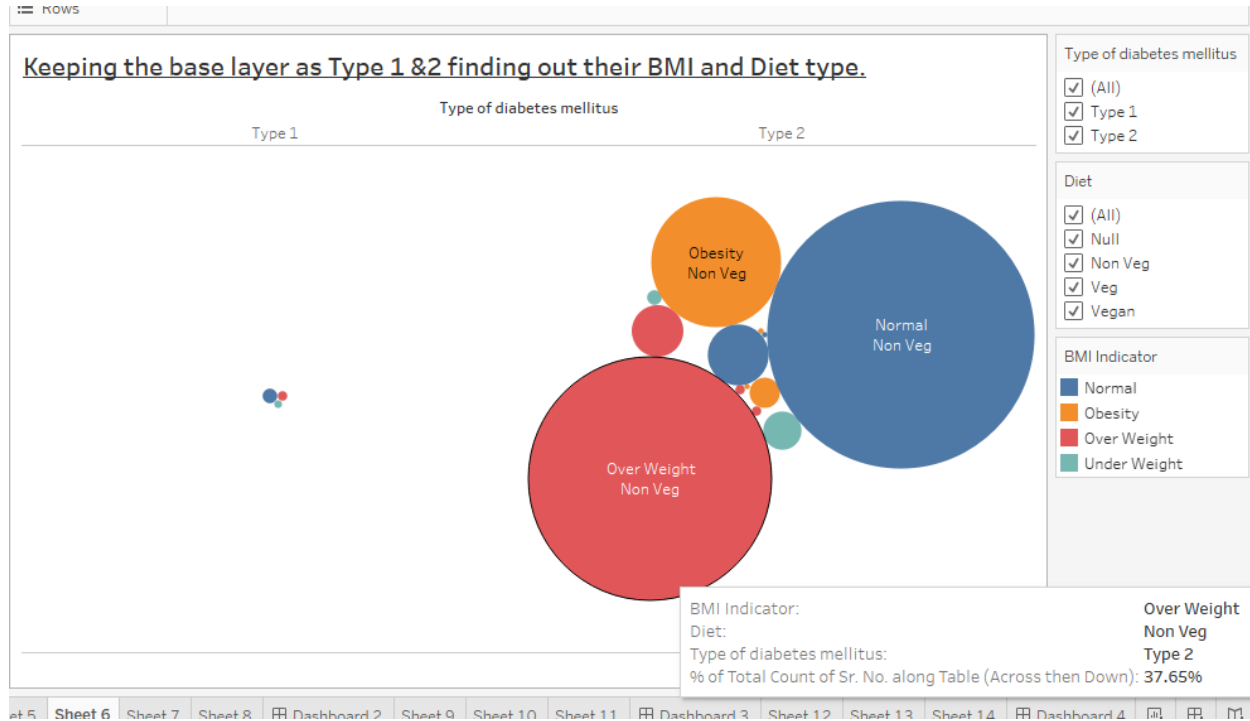
INFERENCE : there are totally 108 patient suffering from type 2 and belongs to cardiology department and they are from Tamil nadu state .

REPORT 5:



INFERENCE : there are 193 type 2 patient whose their brother are having history of diabetes.

REPORT 6 :

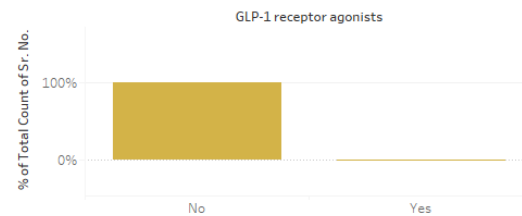


INFERENCE : 37.65% type 2 patient are over weight and their diet is non-veg.

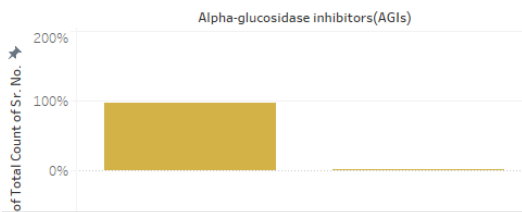
REPORT 7 :

Most wanted oral medicine for diabetics patients

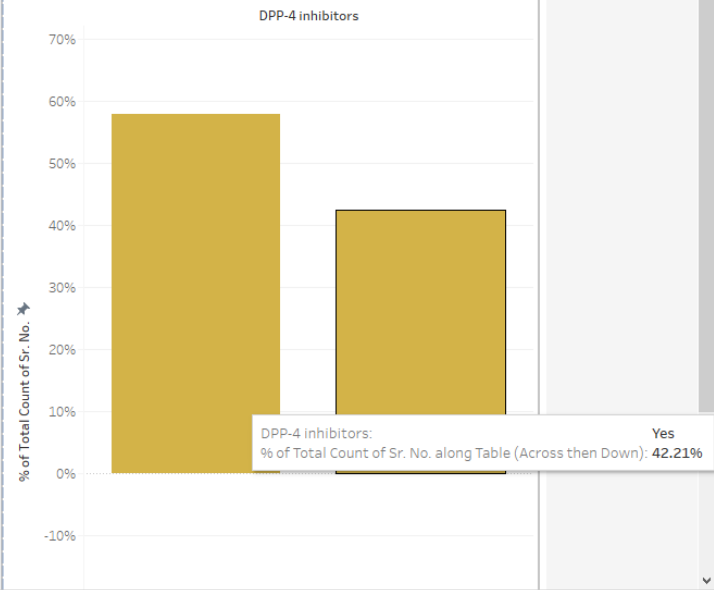
Finding out the use of GLP - 1 medicine.



Finding out the use of AGIs inhibitors medicine.

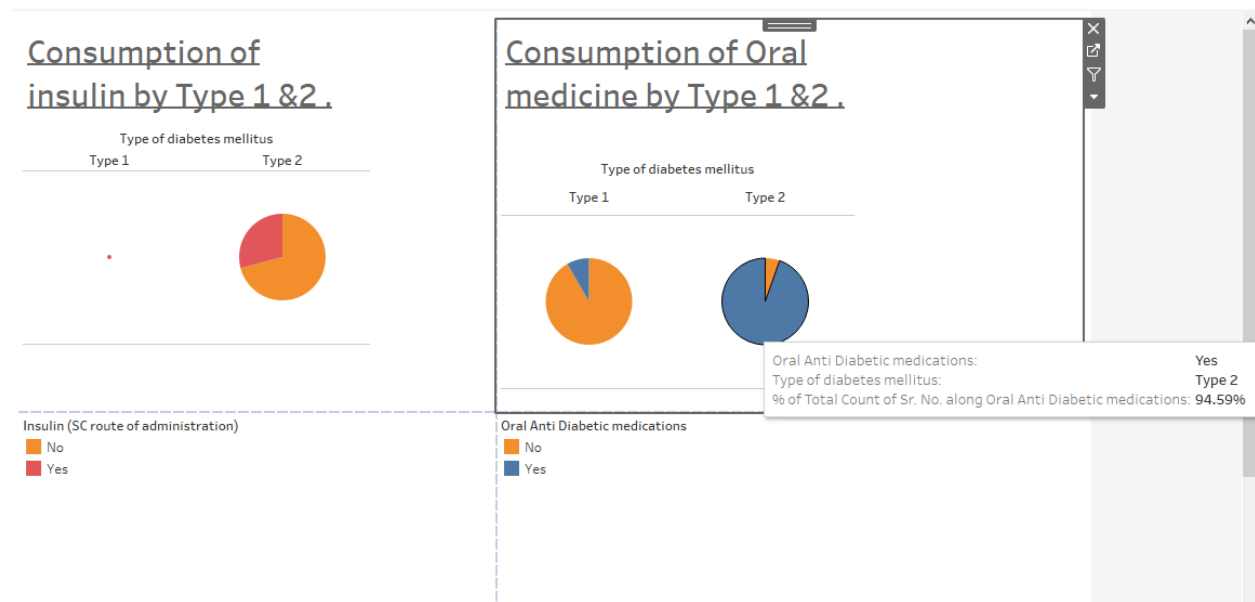


Finding out the use of DPP - 4 inhibitors medicine



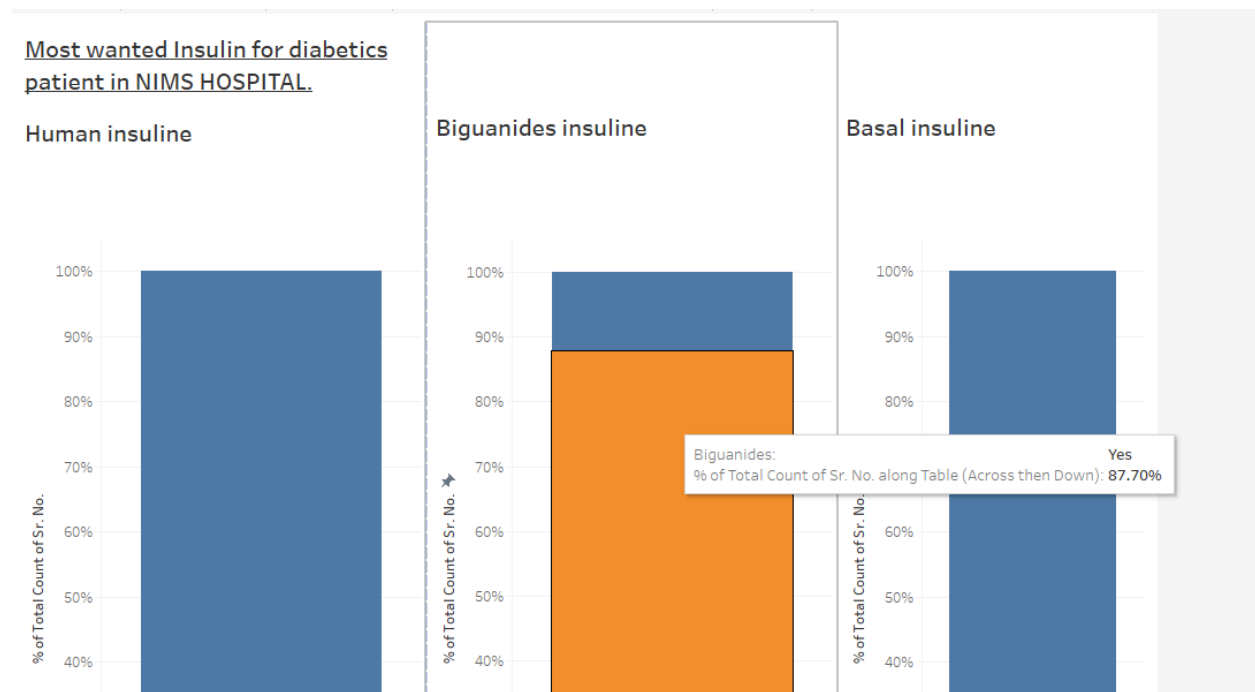
INFERENCE : DPP-4 oral medicine is used around 42.21% to treat diabetes patient when compare to other medicine .hence DPP-4 most wanted medicine in NIMS hospital.

REPORT 8 :



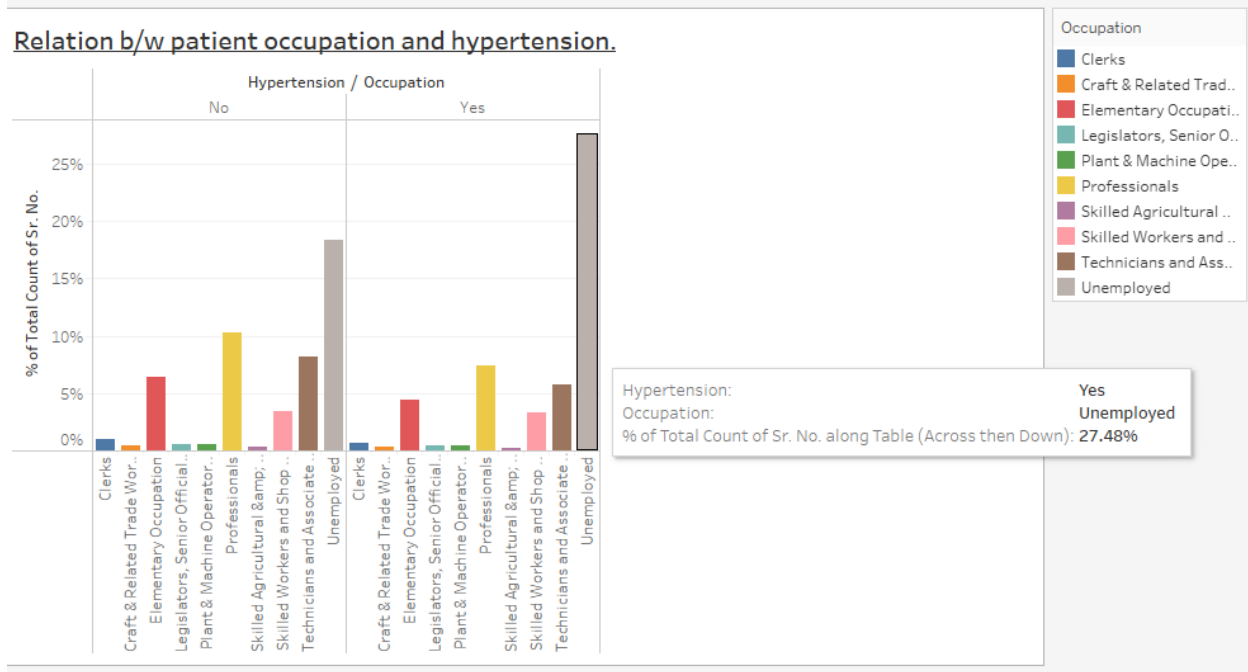
INFERENCE : 94.59 % of type 2 patient consume oral medicine.

REPORT 8 :



INFERENCE : Biguanides insulin is used around 87.70% to treat diabetes patient when compare to other insulin .hence Bigunides is most wanted insulin in NIMS hospital.

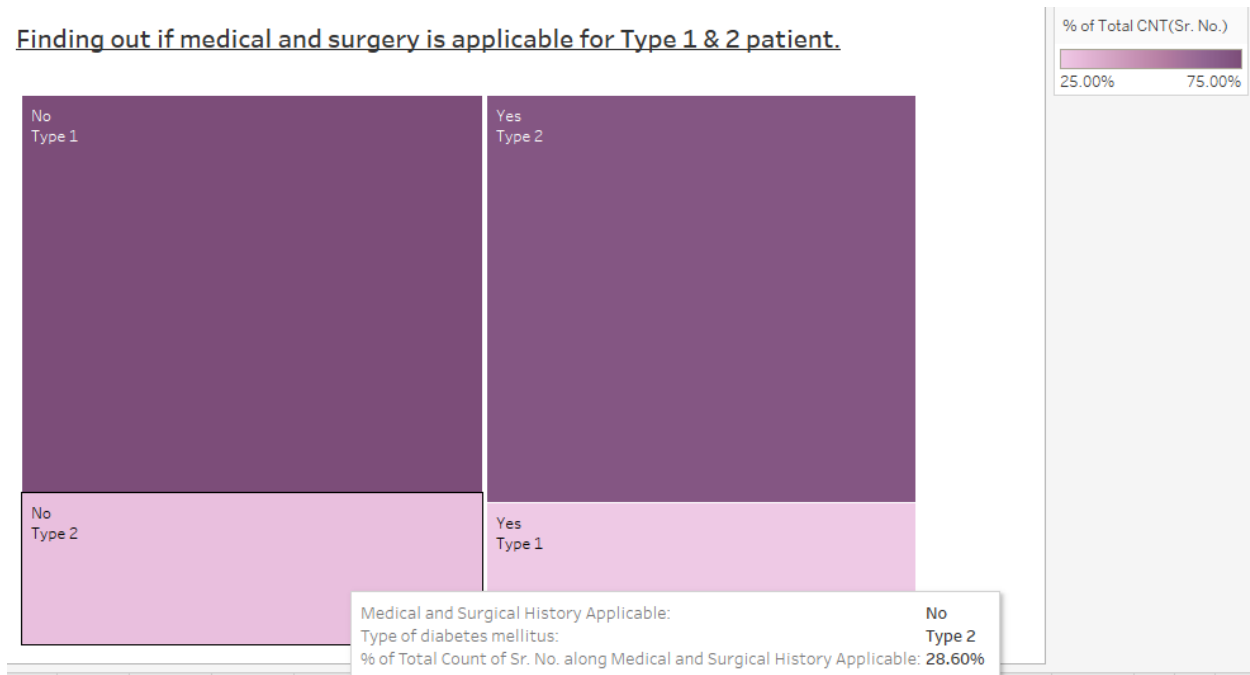
REPORT 9 :



INFERENCE : 27.48% patient have hypertention and their occupation is unemployed.

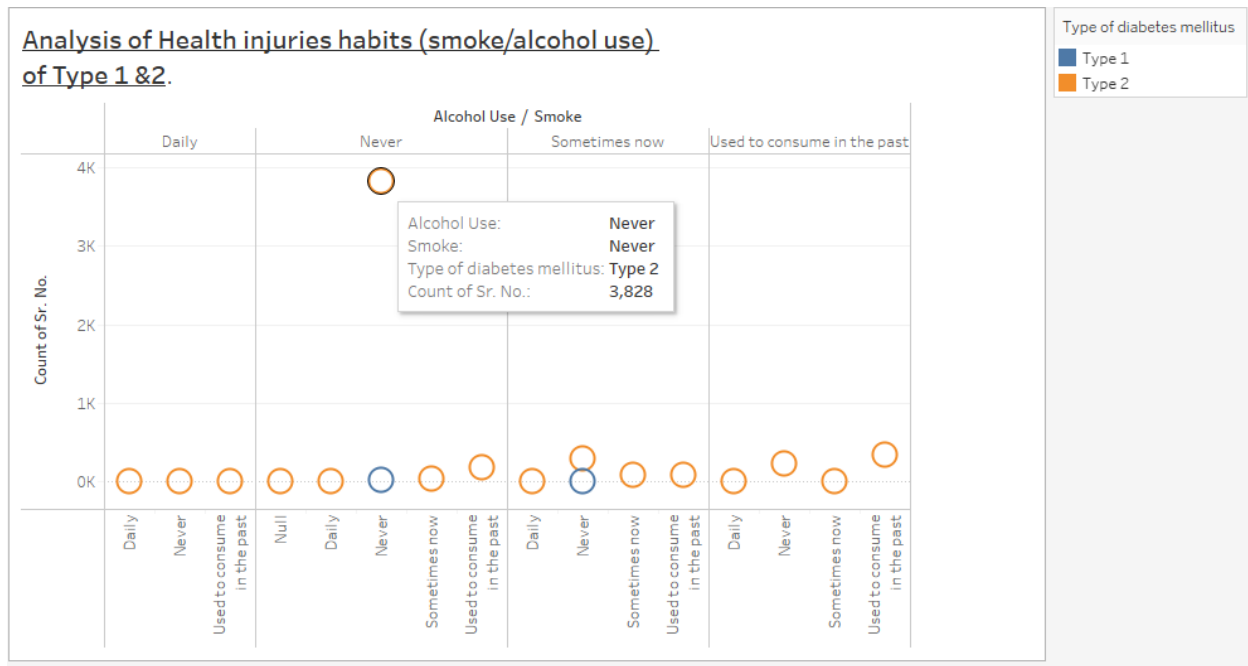
REPORT 10 :

Finding out if medical and surgery is applicable for Type 1 & 2 patient.



INFERENCE : 28.60 % type 2 patient medical and surgical history is not applicable .

REPORT 11 :



INFERENCE : 3,828 type 2 diabetes patient never used alcohol and smoke .

REPORT 12 :

count of consumption of oral medicine , insulin and both .

Insulin (SC r...



Yes

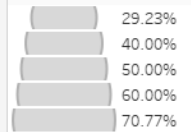


Insulin (SC route of administration): Yes
Oral Anti Diabetic medications: Yes
% of Total Count of Sr. No. along Table (Across then Down): 26.01%

Oral Anti Diabetic medi...

No
Yes

% of Total CNT(Sr. No.)



INFERENCE : 26.01 % patient consume both oral medicine and insulin .