Data Visualizations

Date	05 November 2022
Team ID	PNT2022TMID32896
Project Name	Project - Analytics for Hospitals health-care data

Number of Patients by Ward types
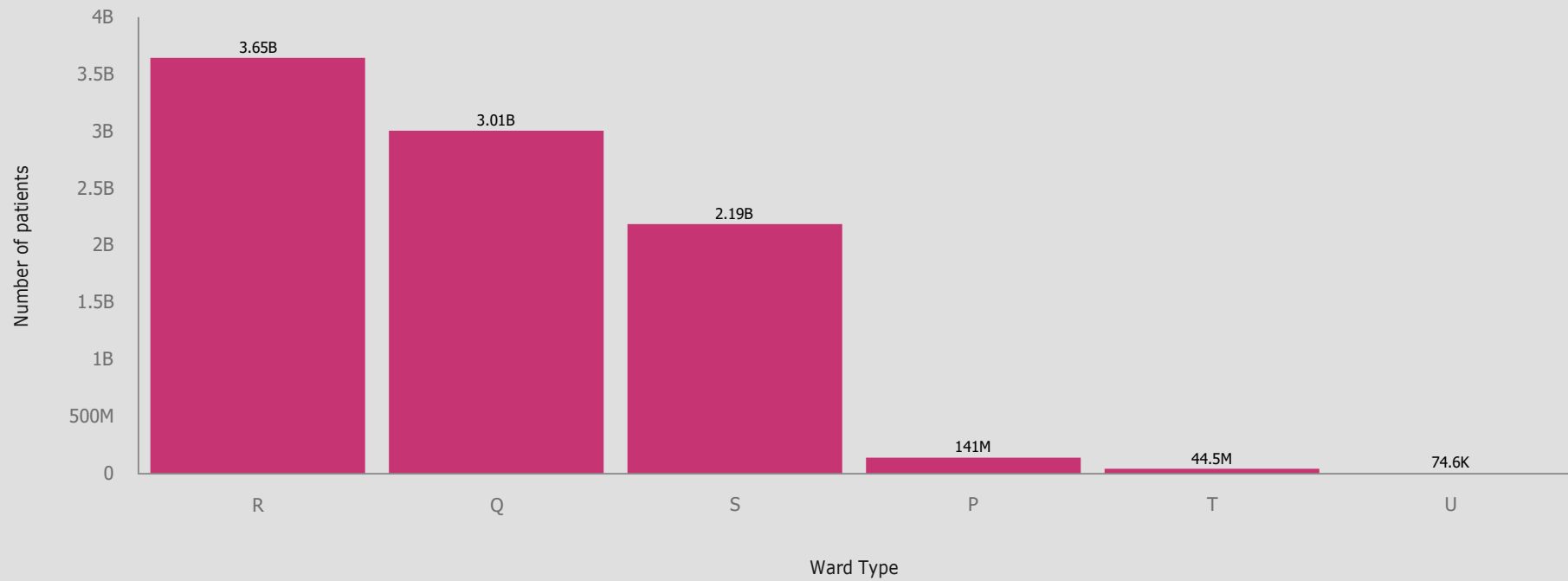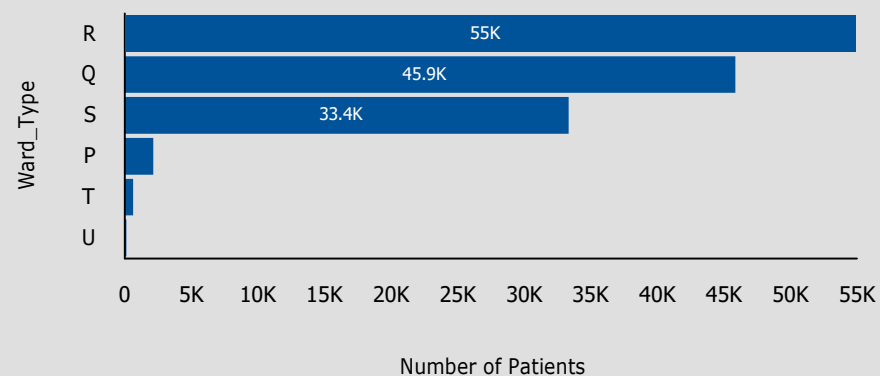
Ward_Type

Type of Admission

6

types of wards
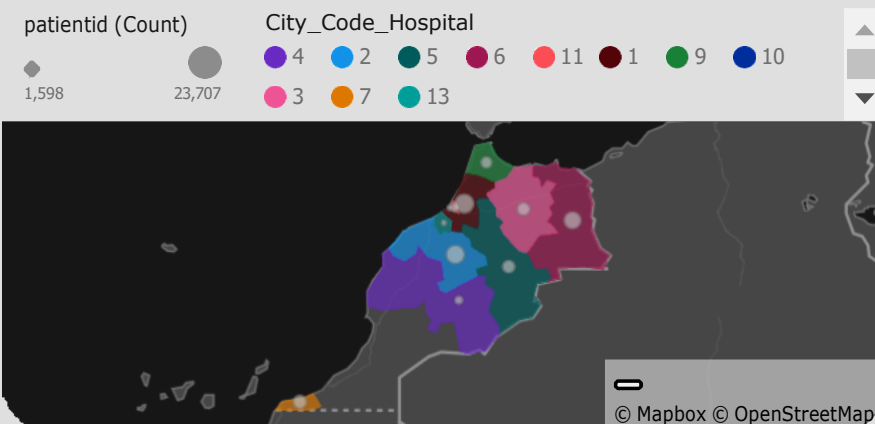
3

types of admissions

Number of Patients by Ward types

Ward Type	Number of patients
R	3.65B
Q	3.01B
S	2.19B
P	141M
T	44.5M
U	74.6K

Dashboard to show Number of Patients

Number of Patients by type of admissions

Horizontal bar chart showing Number of Patients by Ward_Type:
- R: 55K
- Q: 45.9K
- S: 33.4K
- P
- T
- U

X-axis: Number of Patients (0 to 55K)
Y-axis: Ward_Type

Number of Patients per region

patientid (Count): 1,598 to 23,707

City_Code_Hospital: 4, 2, 5, 6, 11, 1, 9, 10, 3, 7, 13

© Mapbox © OpenStreetMap

Number of patients by Department

Bar chart showing Number of Patients by Department:
- TB & Chest disease
- anesthesia
- gynecology (~100,000)
- radiotherapy
- surgery

X-axis: Department
Y-axis: Number of Patients (0 to 100,000)
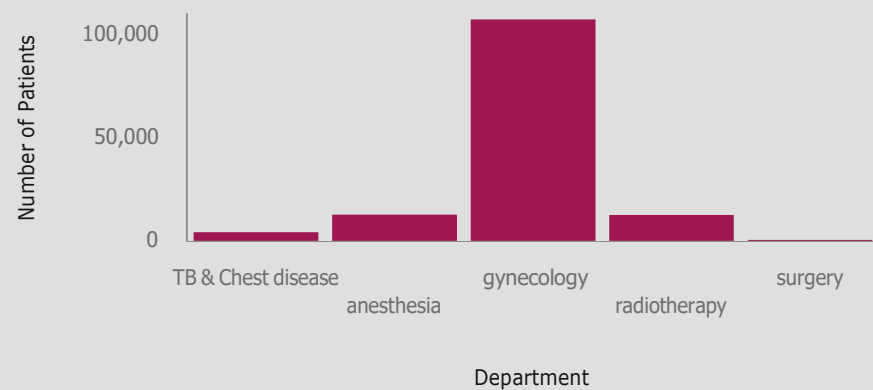
Number of Patients by Ward facility type

Ward_Facility_Code: A, C, B, D, E, F

Donut chart center: 137,057 case_id (Count distin...)
23,707
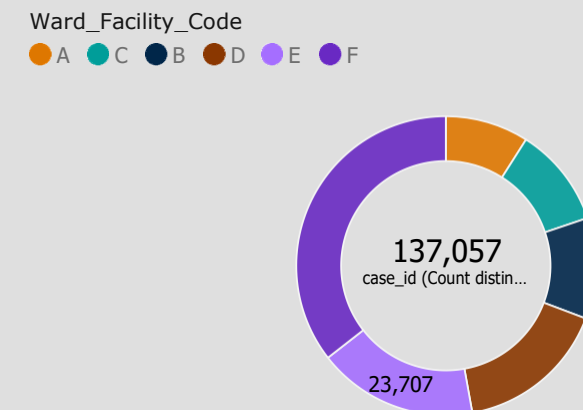
Age wise Patients with Department and Severity

Number of Patients by age

Number of patients (y-axis) vs Age (x-axis)

Age	Number of patients
71-80	2.52K
61-70	1.83K
51-60	1.75K
31-40	1.6K
41-50	1.6K
21-30	1.28K
11-20	727
81-90	653
0-10	446
91-100	113
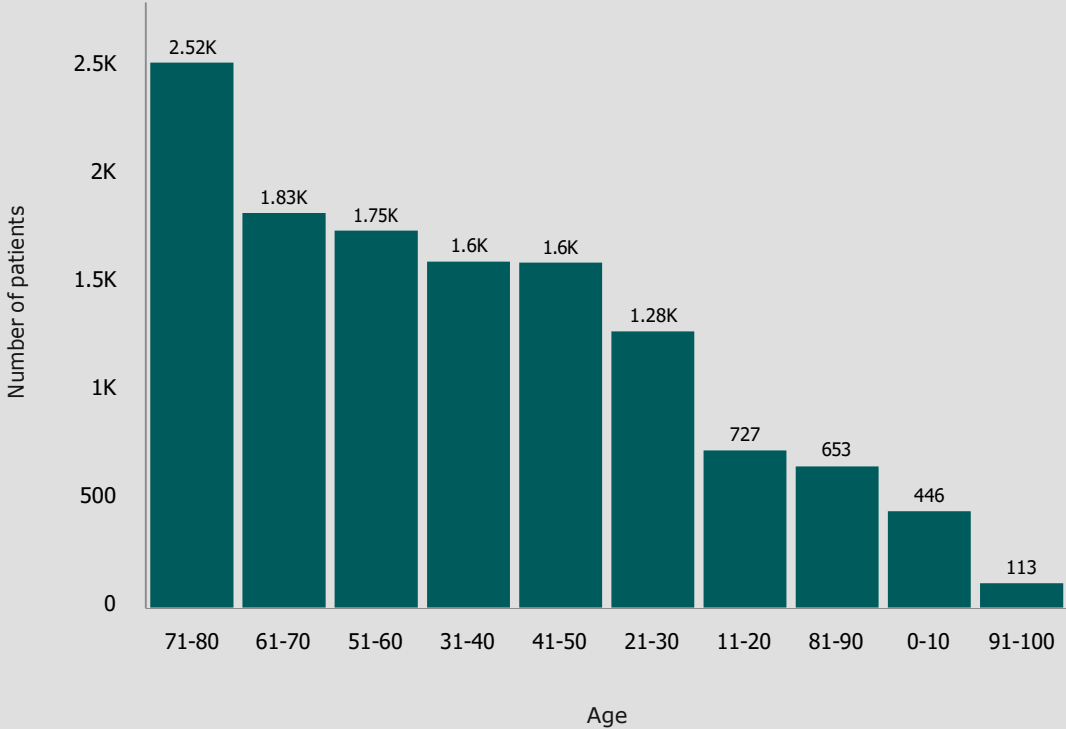
Department

Department

TB & Chest disease

anesthesia

gynecology

radiotherapy

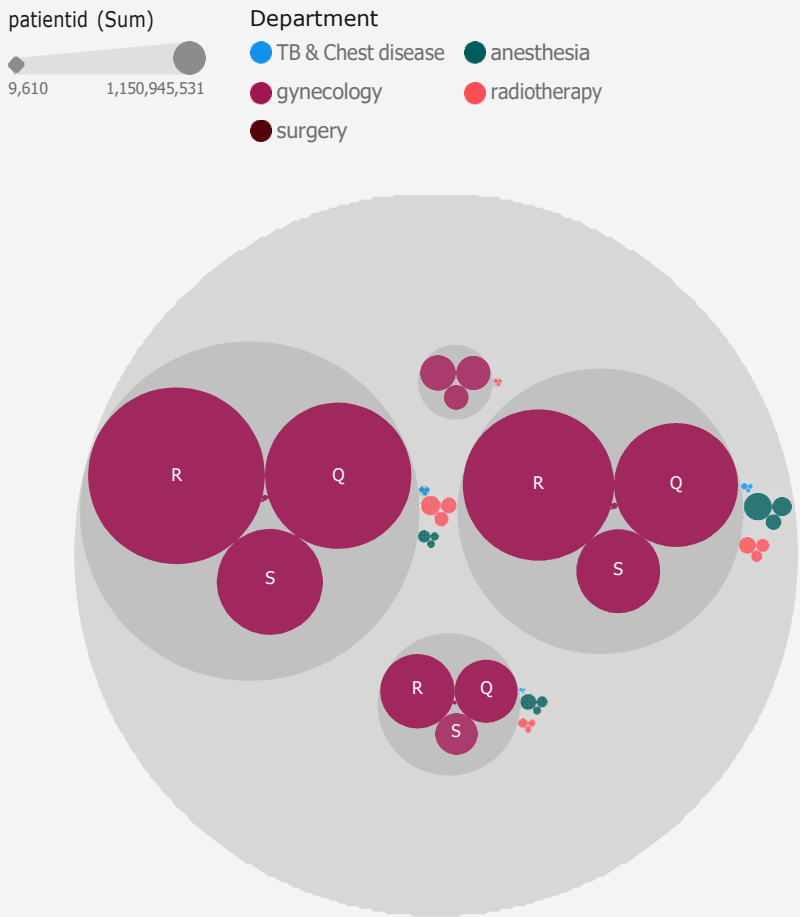surgery

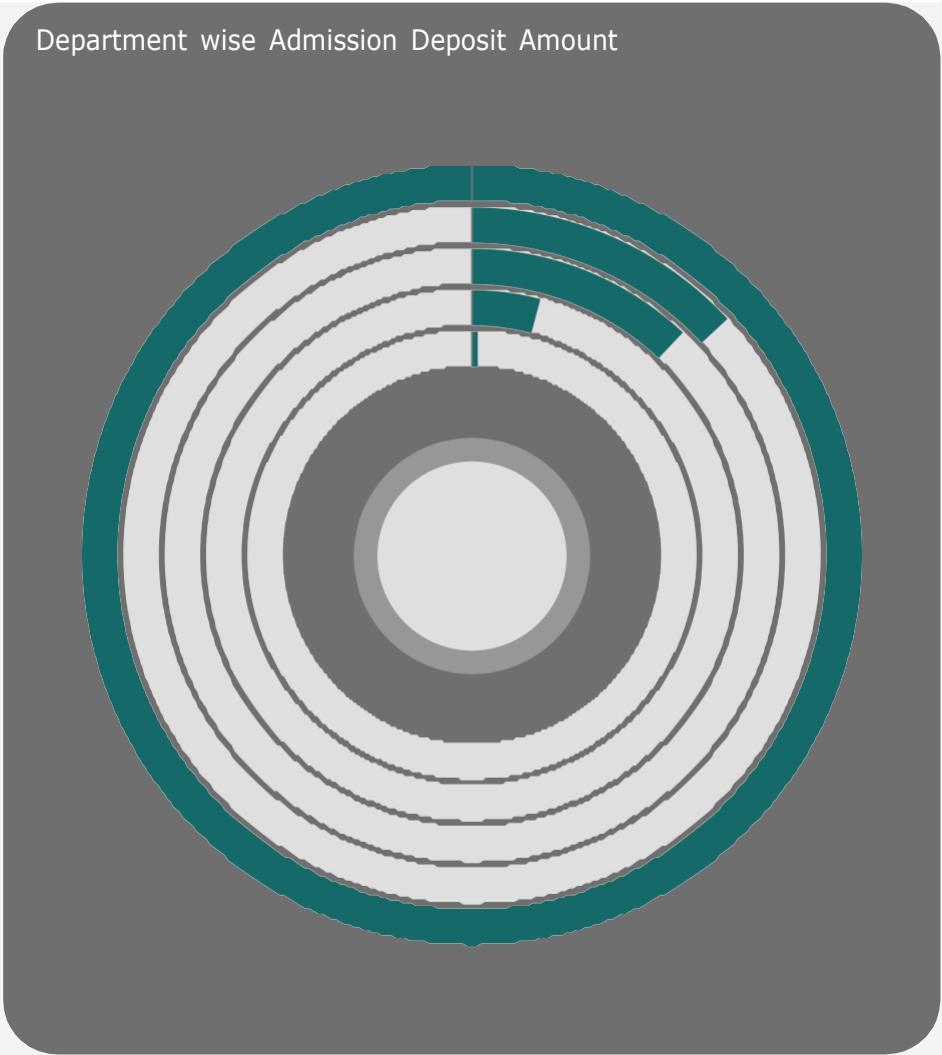## Severity of Illness

Severity of Illness

Extreme

Minor

Moderate

Dashboard with hierarchy bubbles and Radial visuals
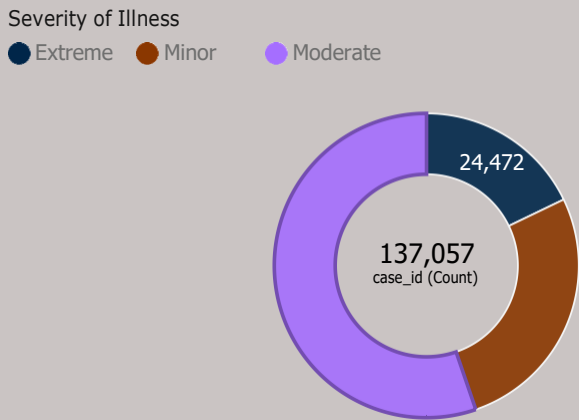
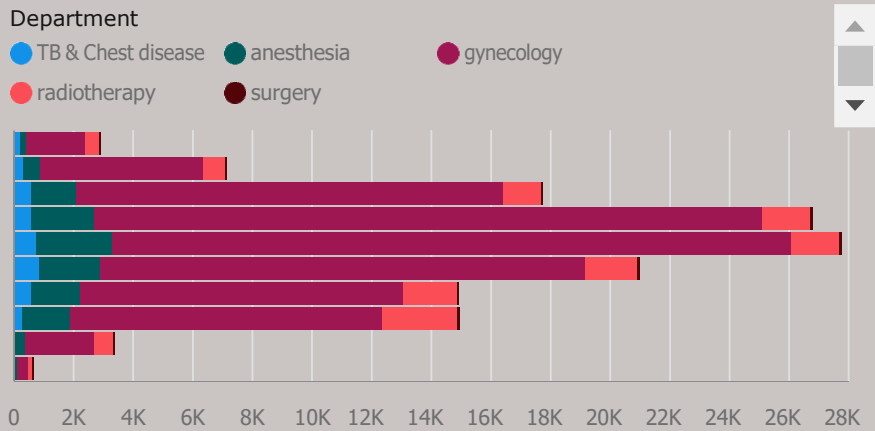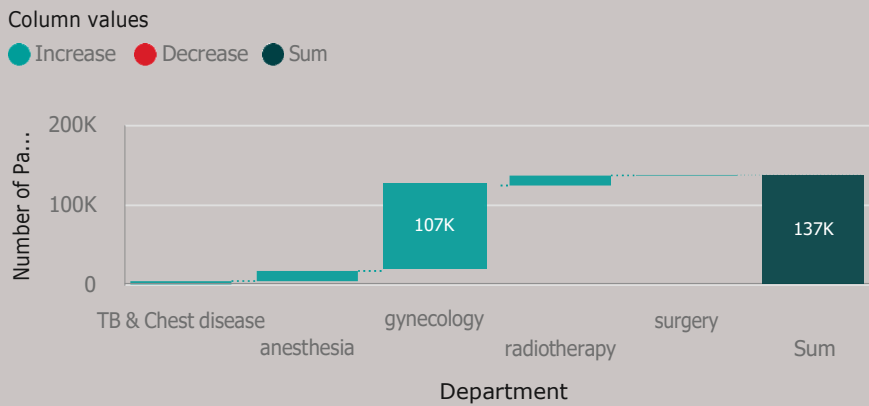## Bed Grade with Number of Cases by Department and Ward-wise

patientid (Sum)

9,610   1,150,945,531

Department
- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery

Department wise Admission Deposit Amount

Dashboard showing Pie, Stacked bar, Waterfall and Pie charts

Severity of illness by number of cases

Severity of Illness
- ● Extreme
- ● Minor
- ● Moderate

137,057
case_id (Count)

24,472

Department-wise, Age-wise number of cases

Department
- ● TB & Chest disease
- ● anesthesia
- ● gynecology
- ● radiotherapy
- ● surgery

0 2K 4K 6K 8K 10K 12K 14K 16K 18K 20K 22K 24K 26K 28K

Department wise number of Patients

Column values
- ● Increase
- ● Decrease
- ● Sum

Number of Pa...

200K

100K

0

107K

137K

TB & Chest disease   anesthesia   gynecology   radiotherapy   surgery   Sum

Department

Availability of Extra rooms

Available Extra Rooms in Hospital
- ● 21 ● 13 ● 12 ● 0 ● 11 ● 10 ● 9 ● 8 ● 7 ● 1 ● 6 ● 5
- ● 3 ● 4 ● 2

42,584

39,482

39,235