Project Development Phase Delivery of Sprint-3

Date	9 NOV 2022
Team ID	PNT2022TMID29804
Project Name	Analytics for Hospitals' Health-Care Data

Project Development Phase:

Sprint-1:

- Data Collection
- Data Preparation

Sprint-2:

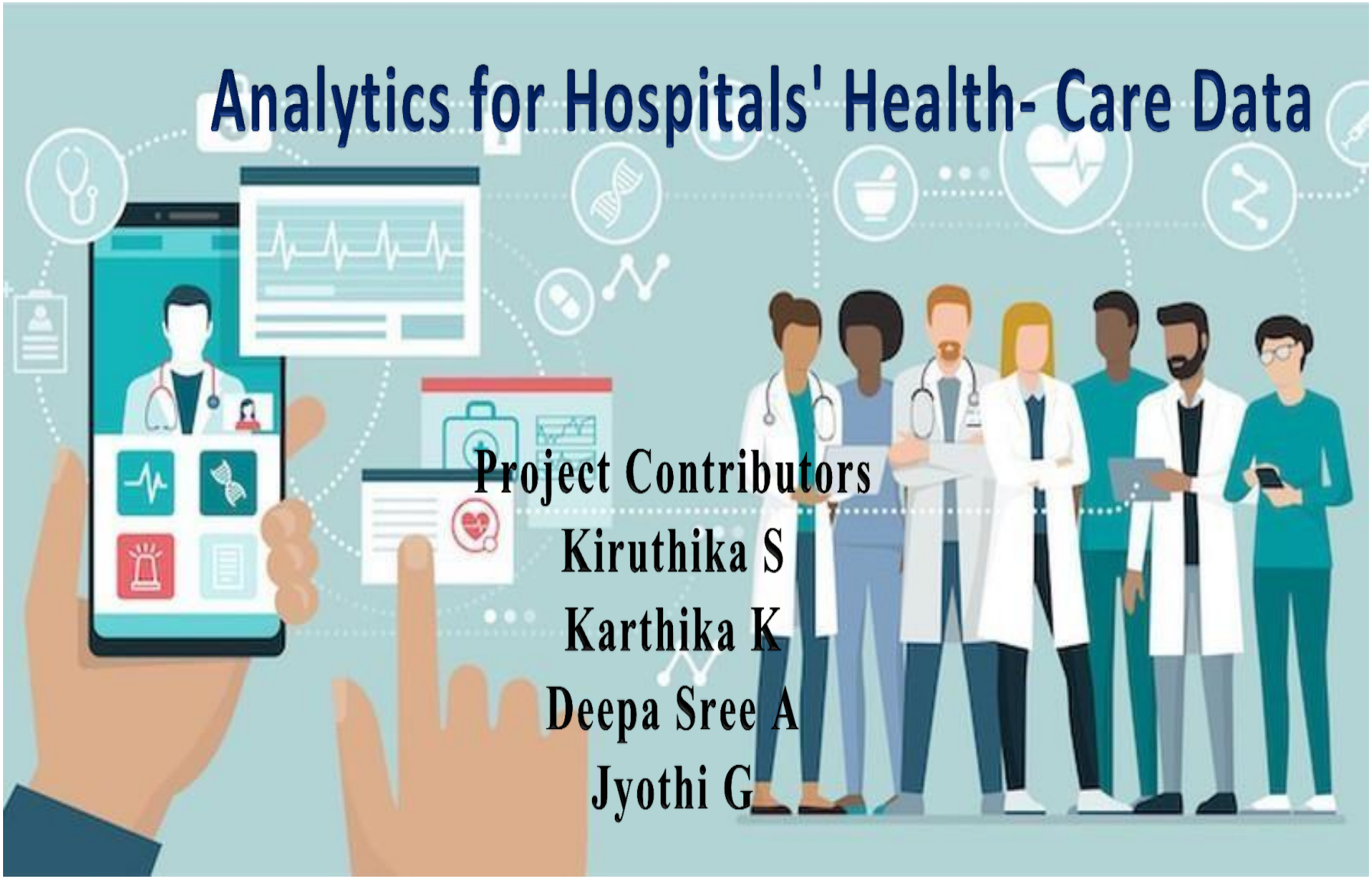
- Data Exploration

Sprint-3:

- Dashboard Creation

Sprint-4:

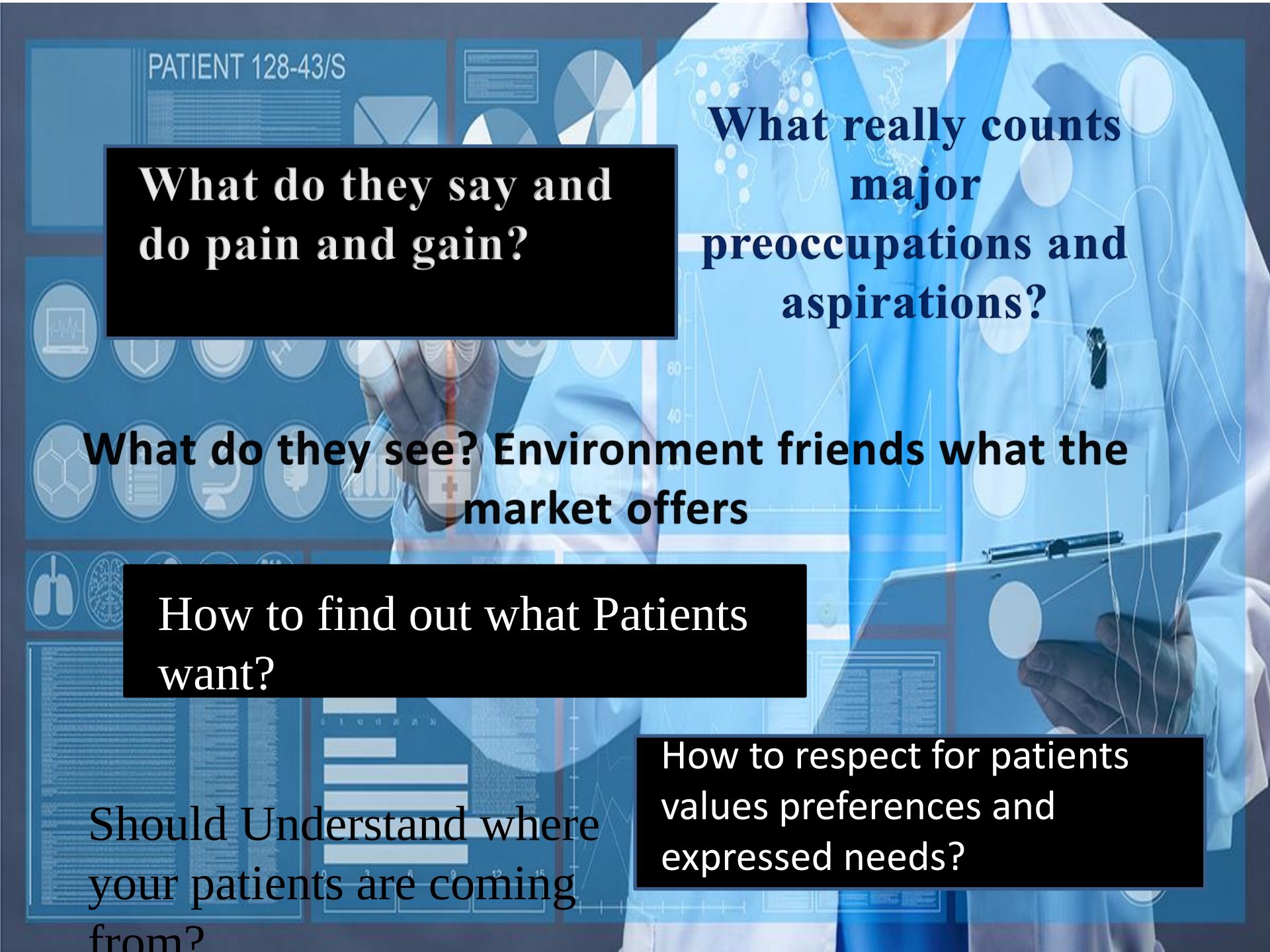
- Report Creation
- Story Creation



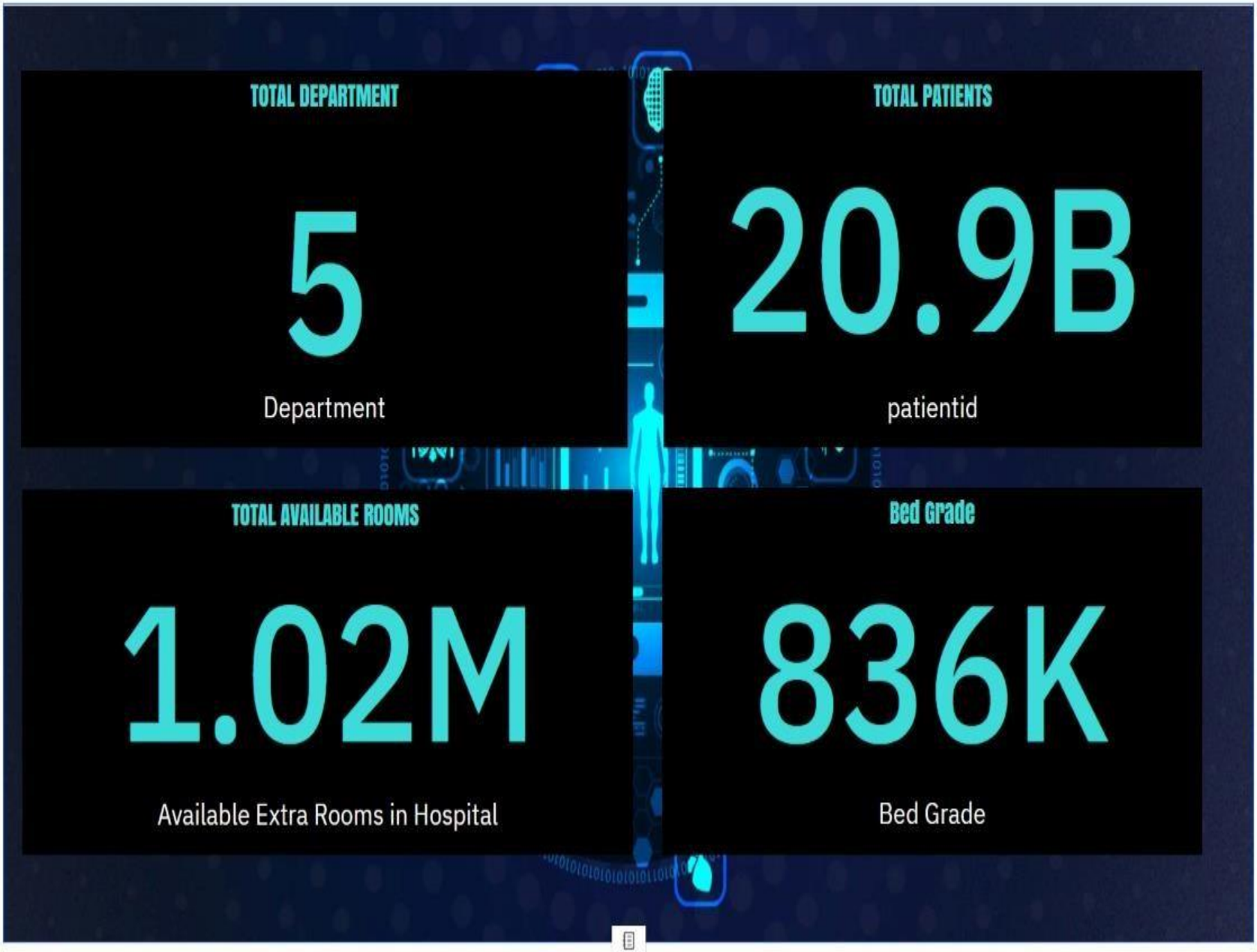
TEAM ID : PNT2022TMID29804

Story Creation

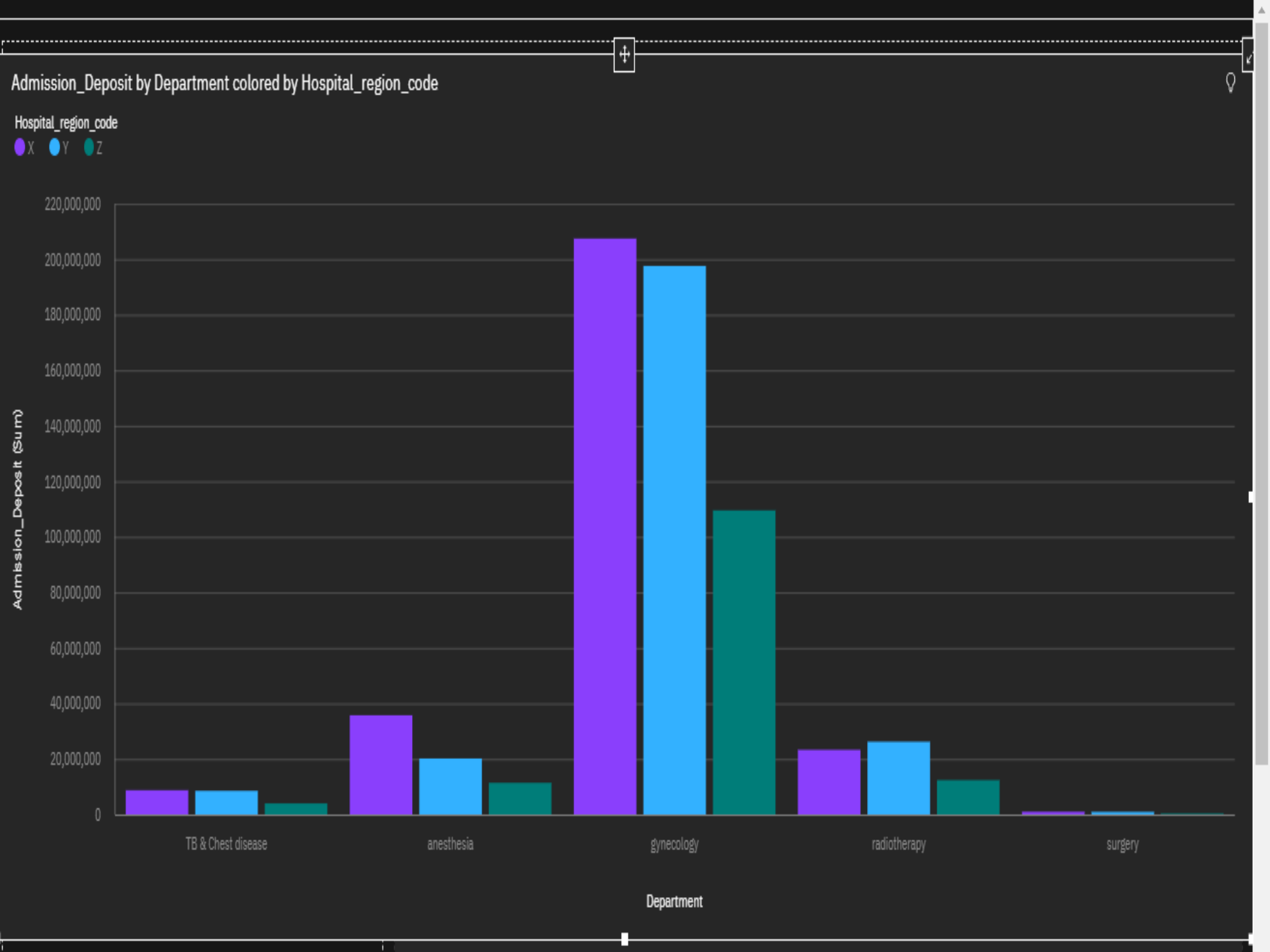
ANALYTICS FOR HEALTH CARE DATA
DATA

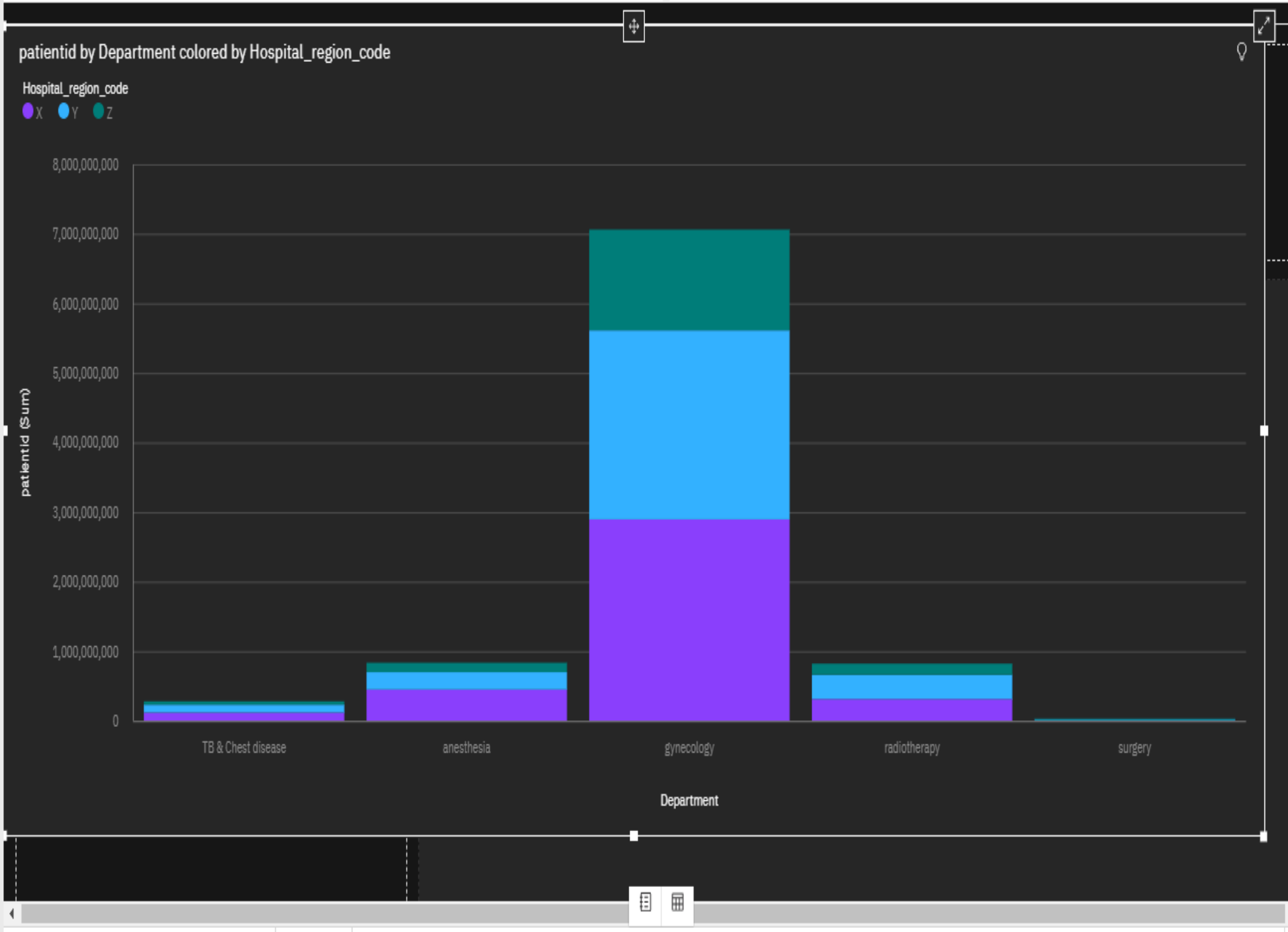

PATIENT 128-43/S
What do they say and do pain and gain?
What really counts major preoccupations and aspirations?
What do they see? Environment friends what the market offers
How to find out what Patients want?
How to respect for patients values preferences and expressed needs?
Should Understand where your patients are coming from?

DEPARTMENT ANALYSIS


TOTAL DEPARTMENT
5
Department
TOTAL PATIENTS
20.9B
patientid
TOTAL AVAILABLE ROOMS
1.02M
Available Extra Rooms in Hospital
Bed Grade
836K
Bed Grade

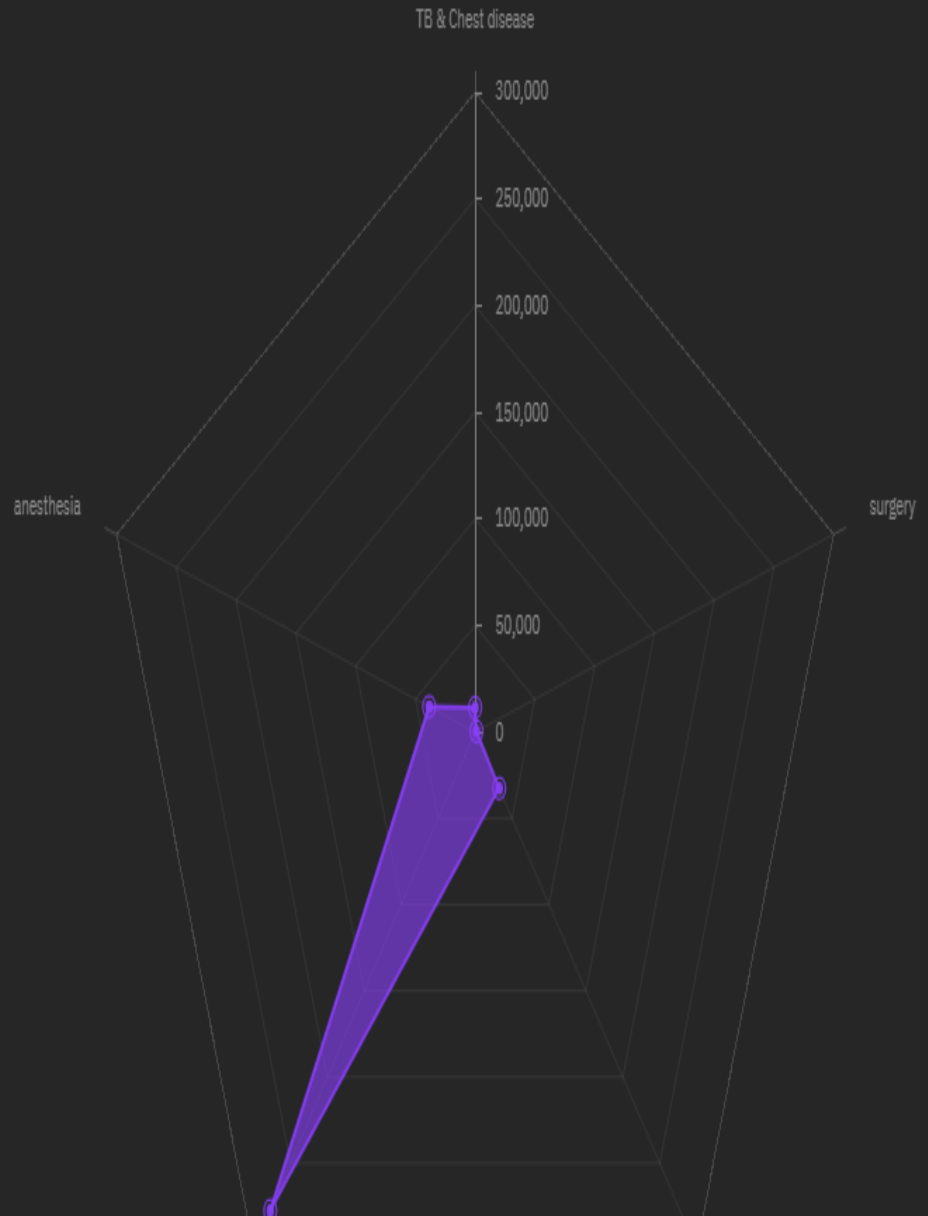
Visitors with Patient
1.05M
Visitors with Patient
Admission Deposit
1.55B
Admission_Deposit
Department by Severity of Illness
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Severity of Illness
Extreme
Minor
Moderate
0
20,000
40,000
60,000
80,000
1,00,000
1,20,000
1,40,000
1,60,000
1,80,000
Department (Count)

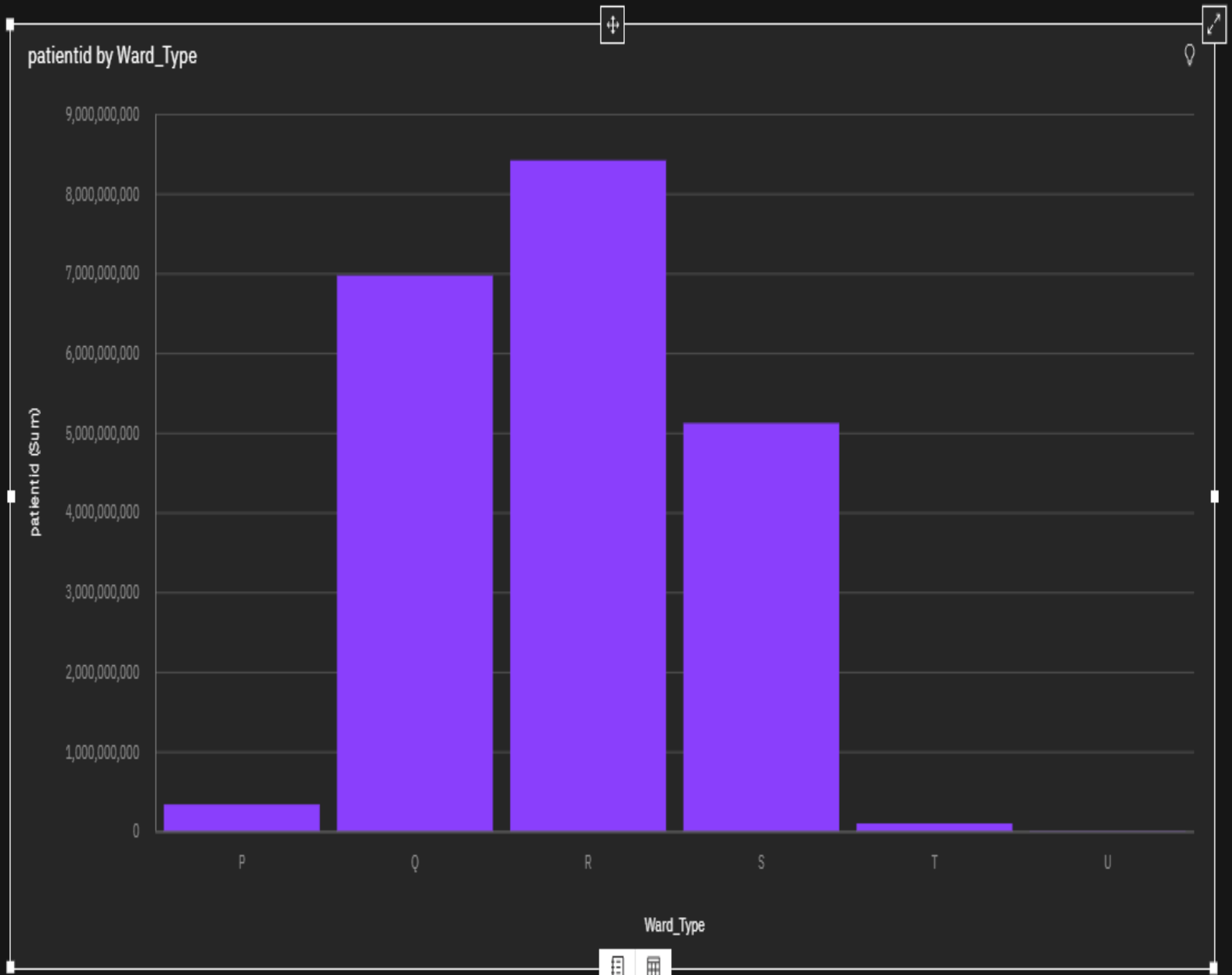

Admission_Deposit by Department colored by Hospital_region_code
Hospital_region_code
X
Y
Z
220,000,000
200,000,000
180,000,000
160,000,000
140,000,000
120,000,000
100,000,000
80,000,000
60,000,000
40,000,000
20,000,000
0
Admission_Deposit (Sum)
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Department

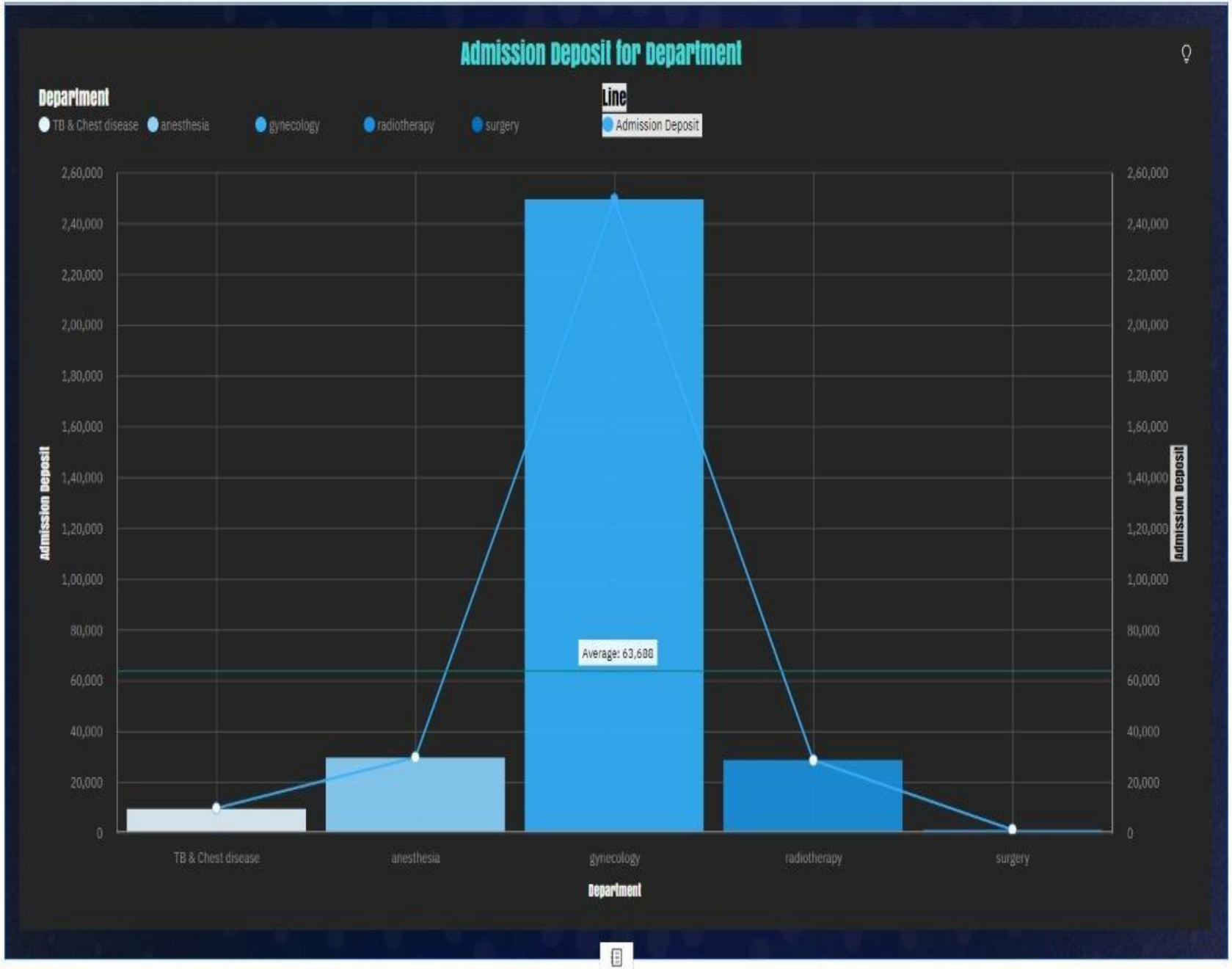

patientid by Department colored by Hospital_region_code
Hospital_region_code
X
Y
Z
8,000,000,000
7,000,000,000
6,000,000,000
5,000,000,000
4,000,000,000
3,000,000,000
2,000,000,000
1,000,000,000
0
patientid (Sum)
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Department

LOCATION-wise ANALYSIS

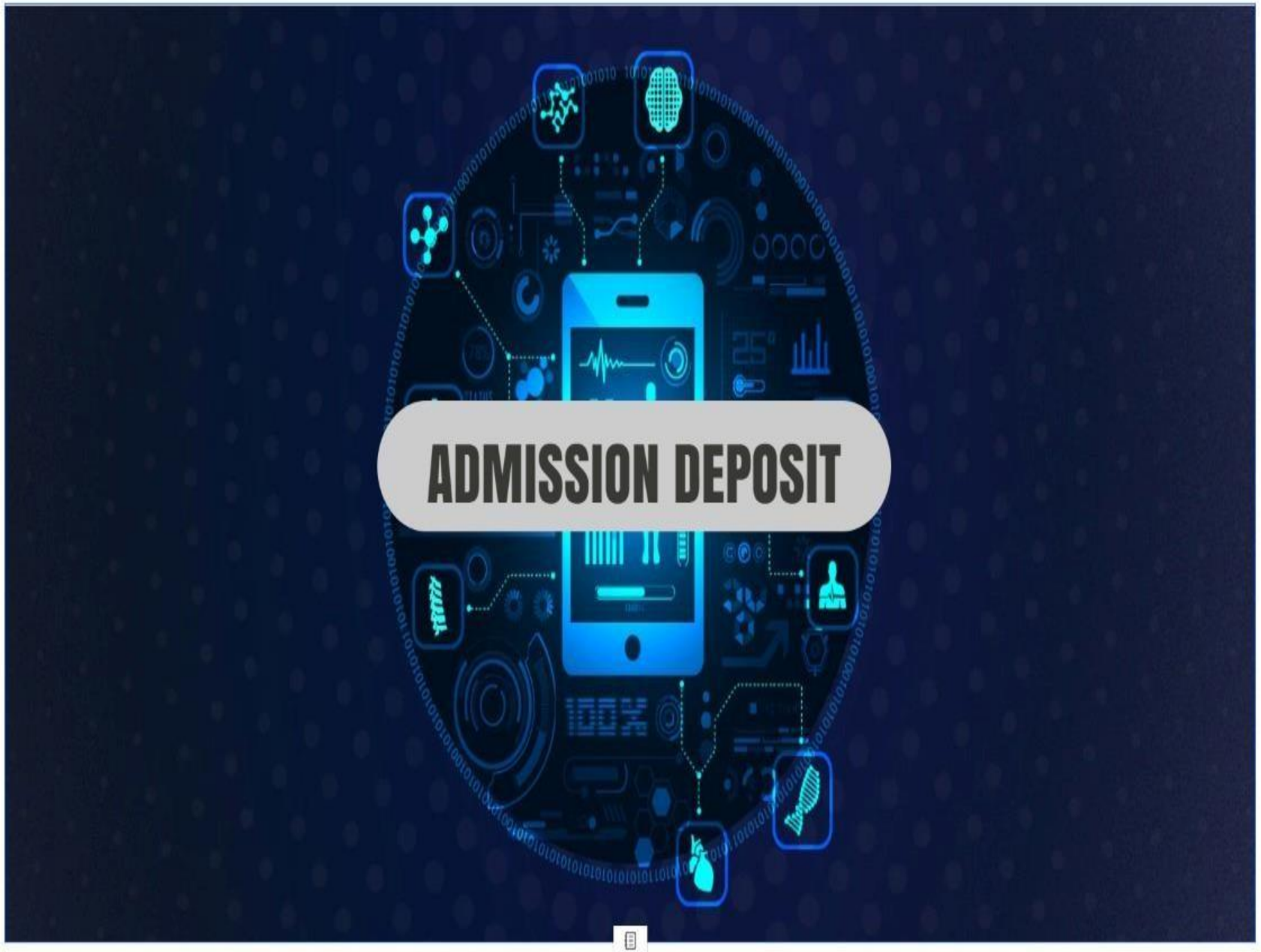
Bed Grade by Department

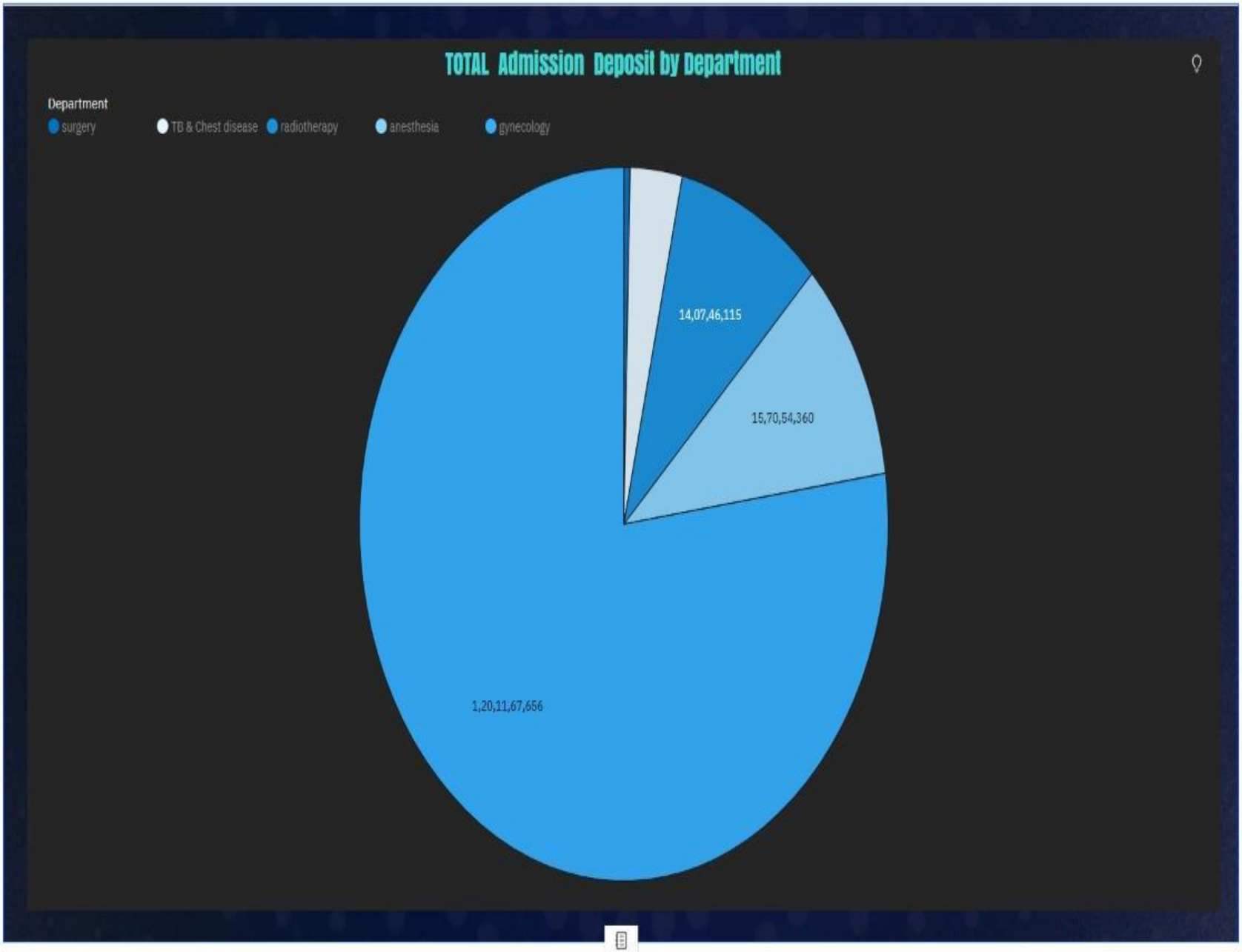



patientid by Ward_Type
9,000,000,000
8,000,000,000
7,000,000,000
6,000,000,000
5,000,000,000
4,000,000,000
3,000,000,000
2,000,000,000
1,000,000,000
0
patientid (Sum)
P
Q
R
S
T
U
Ward_Type


Admission Deposit for Department
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Line
Admission Deposit
2,60,000
2,40,000
2,20,000
2,00,000
1,80,000
1,60,000
1,40,000
1,20,000
1,00,000
80,000
60,000
40,000
20,000
0
Admission Deposit
Average: 63,688
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Department

Admission Deposit compared to Type of Admission
1.55B ↑
Admission_Deposit
3 (+51,807,202,400%)
Type of Admission


ADMISSION DEPOSIT


TOTAL Admission Deposit by Department
Department
surgery
TB & Chest disease
radiotherapy
anesthesia
gynecology
14,07,46,115
15,70,54,360
1,20,11,67,656

Thank You

https://us3.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2FFinal%2BStory&action=view&sceneId=model000001847c46407e_00000000&sceneTime=0