Project Development Phase
Delivery of Sprint-4

Date	16 NOV 2022
Team ID	PNT2022TMID09333
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

ANALYTICS FOR HOSPITAL'S HEALTH – CARE DATA

PROJECT CONTRIBUTORS

Team Leader : Riaz Ahamed K A

Team member : Muhammad Tariq PR

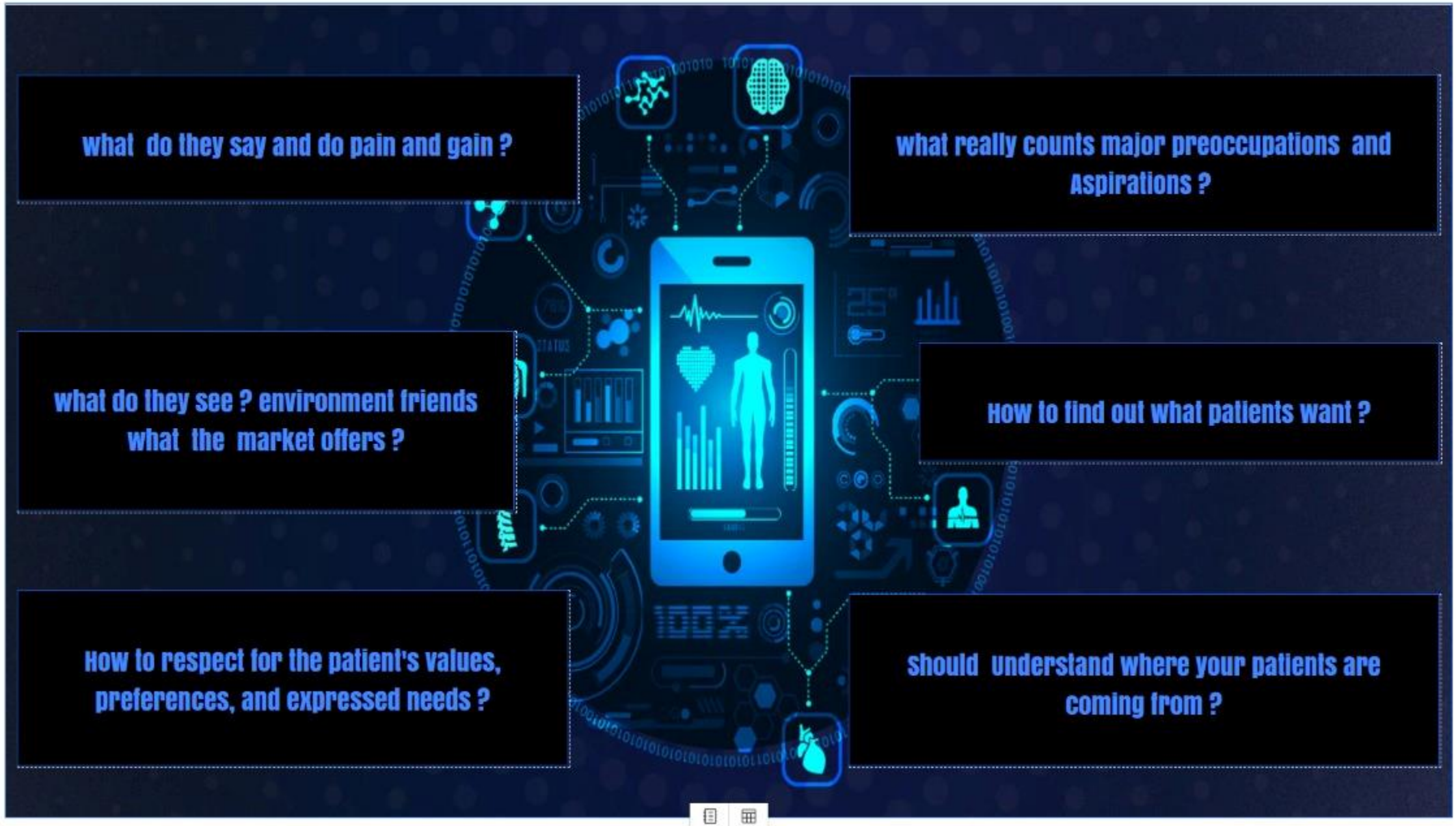
Team member : Madhavan V

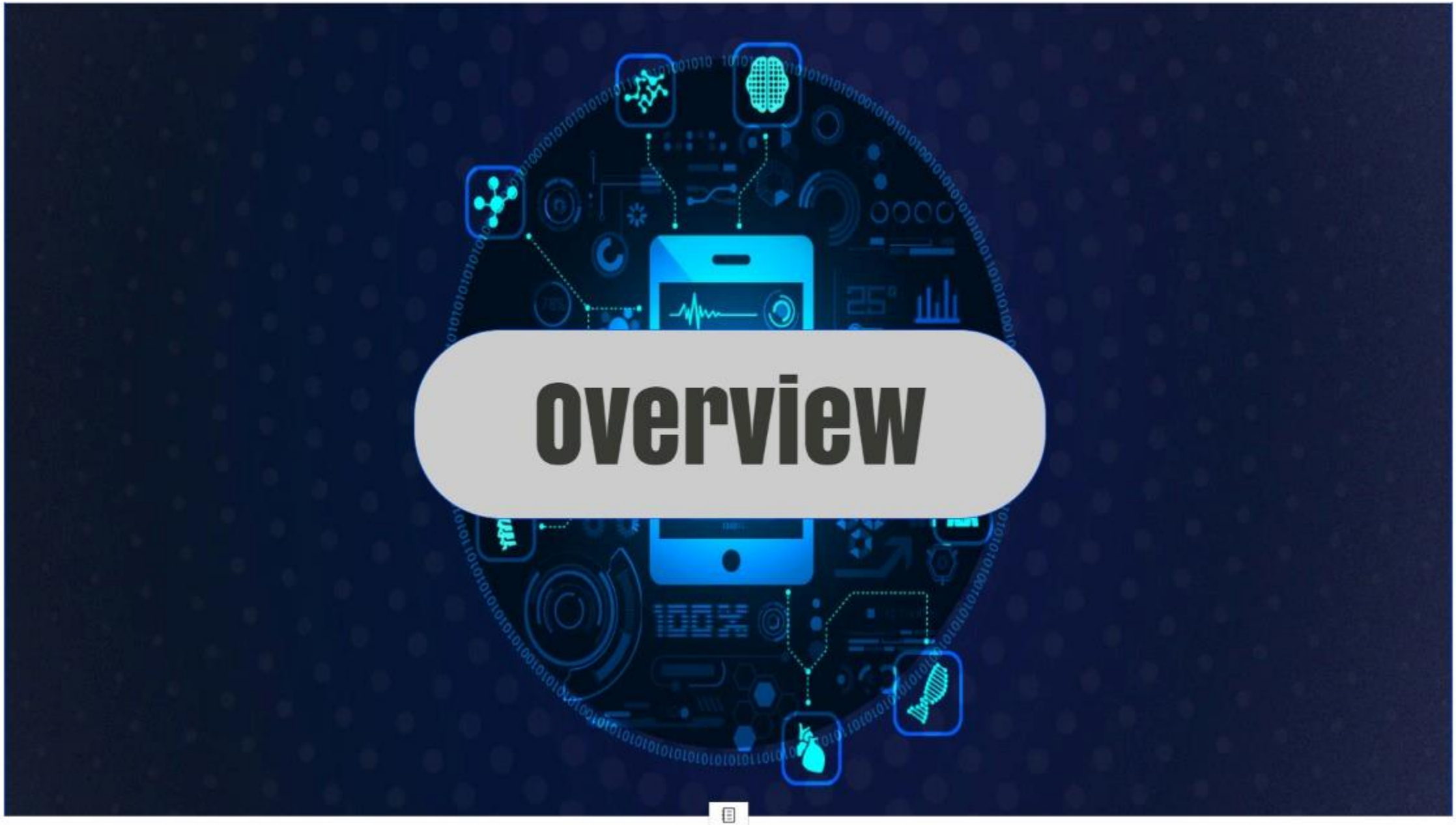
Team member : Sanjay Subramanian K

TEAM ID : PNT2022TMID09333

Story Creation

ANALYTICS FOR HOSPITAL'S
HEALTH-CARE DATA


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 the patient's values, preferences, and expressed needs ?
should understand where your patients are coming from ?


Overview

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

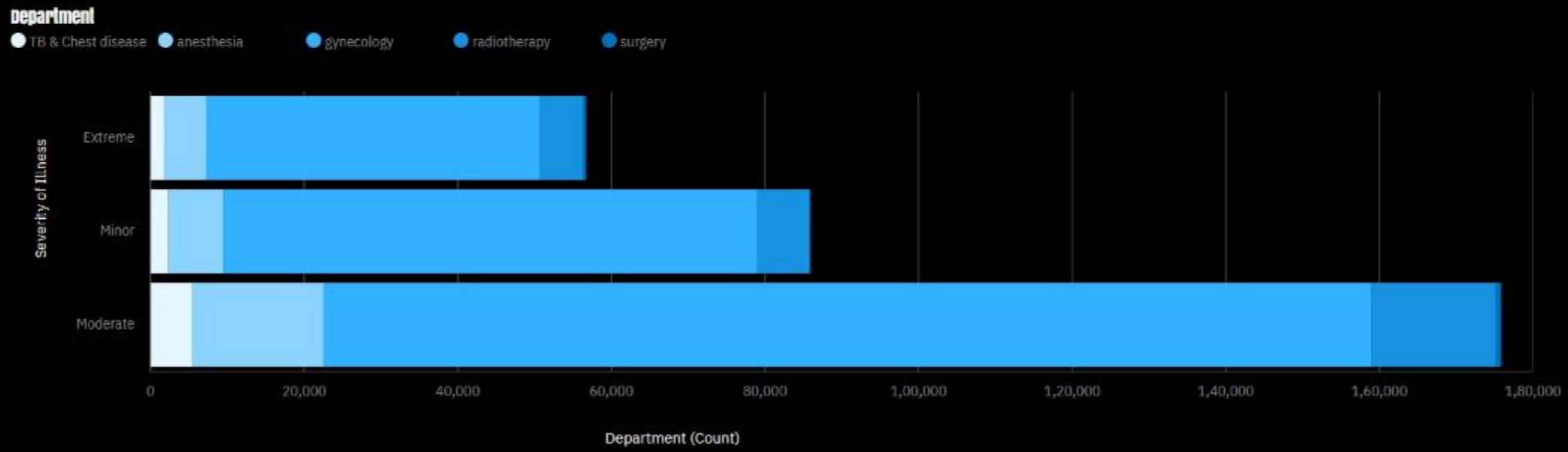
Visitors with Patient

Admission Deposit

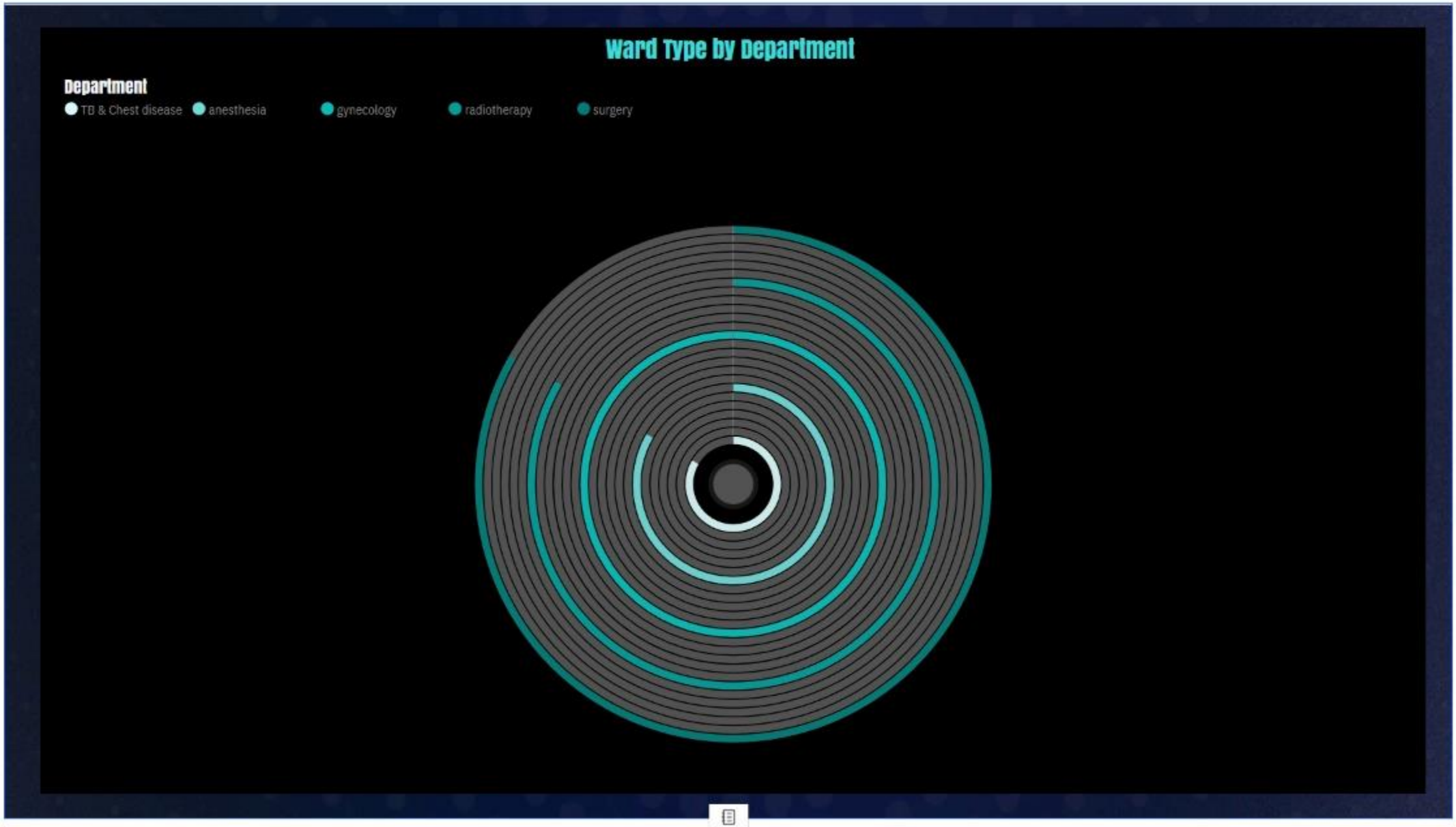
1.55B

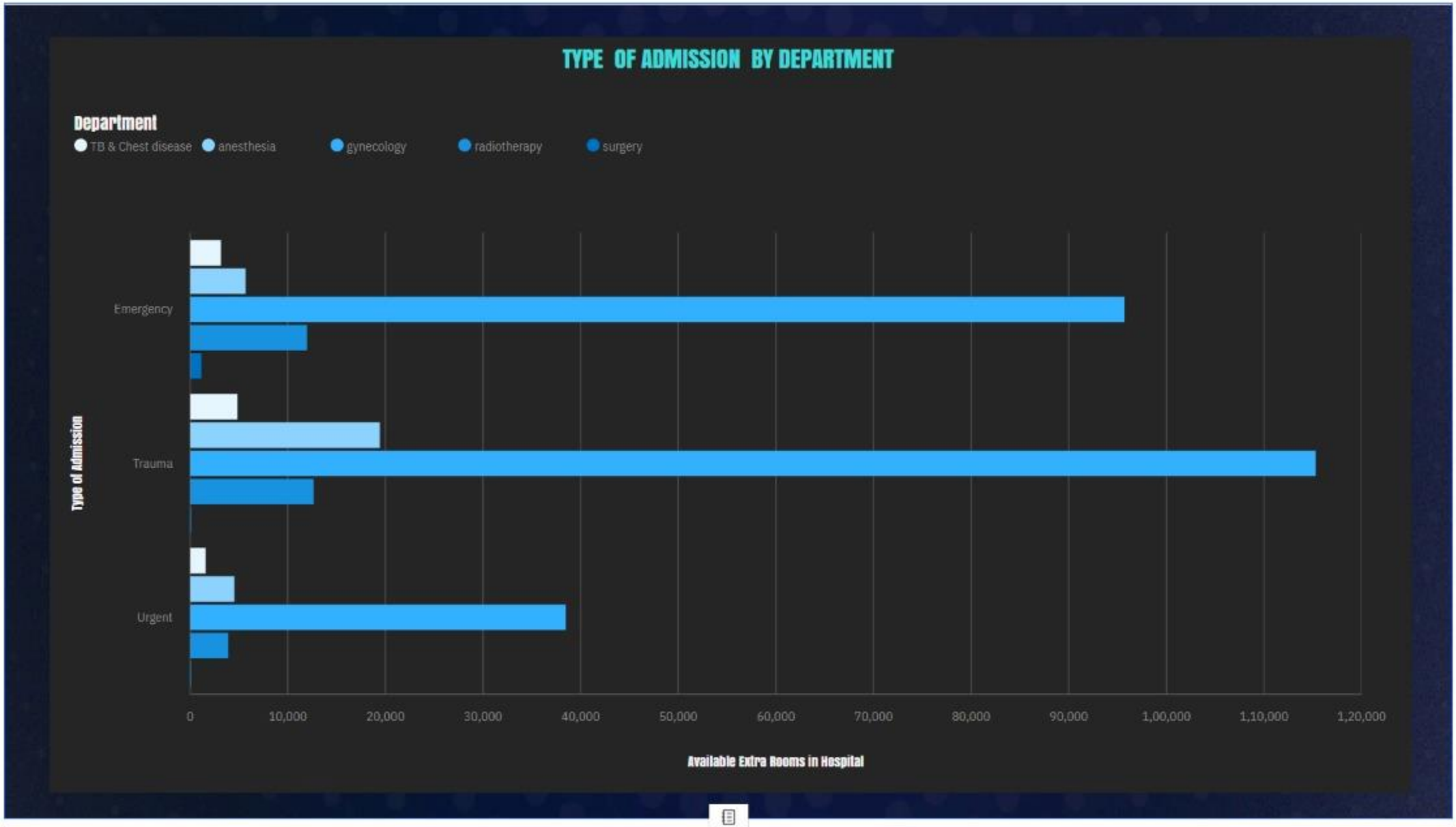
Admission_Deposit

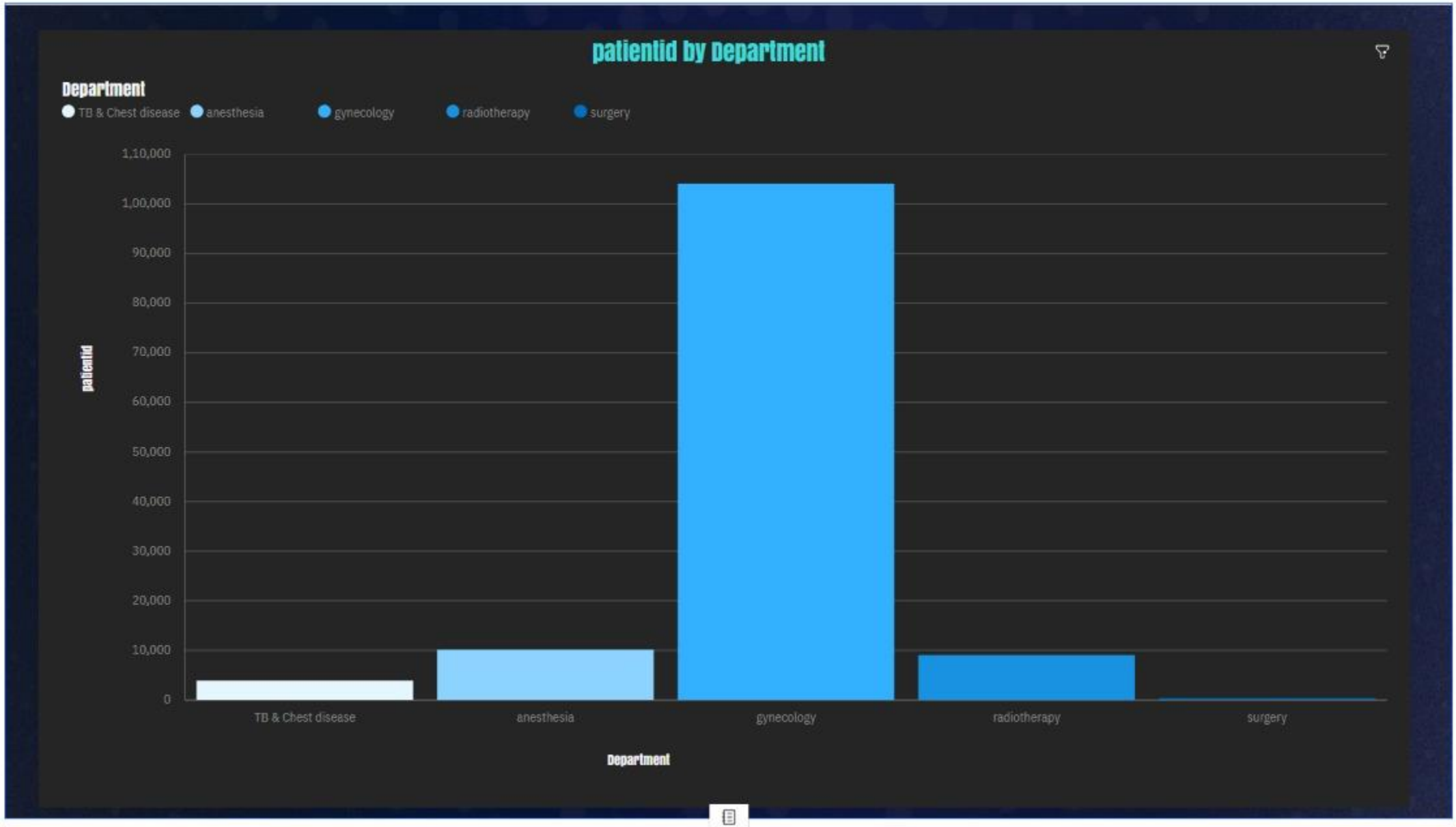
Department by Severity of Illness

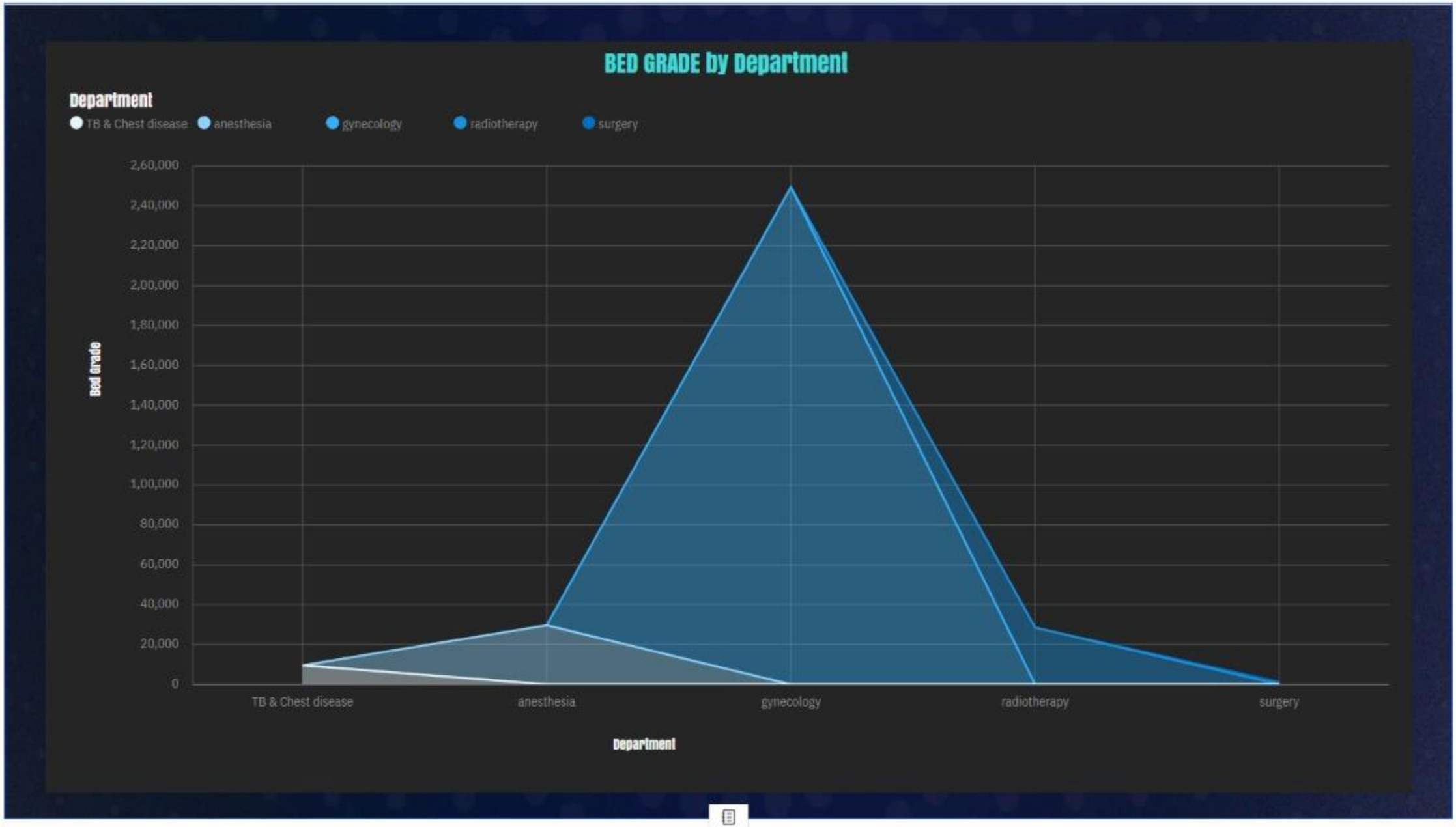


DEPARTMENT ANALYSIS


Ward Type by Department
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery


TYPE OF ADMISSION BY DEPARTMENT
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Type of Admission
Emergency
Trauma
Urgent
0
10,000
20,000
30,000
40,000
50,000
60,000
70,000
80,000
90,000
1,00,000
1,10,000
1,20,000
Available Extra Rooms in Hospital

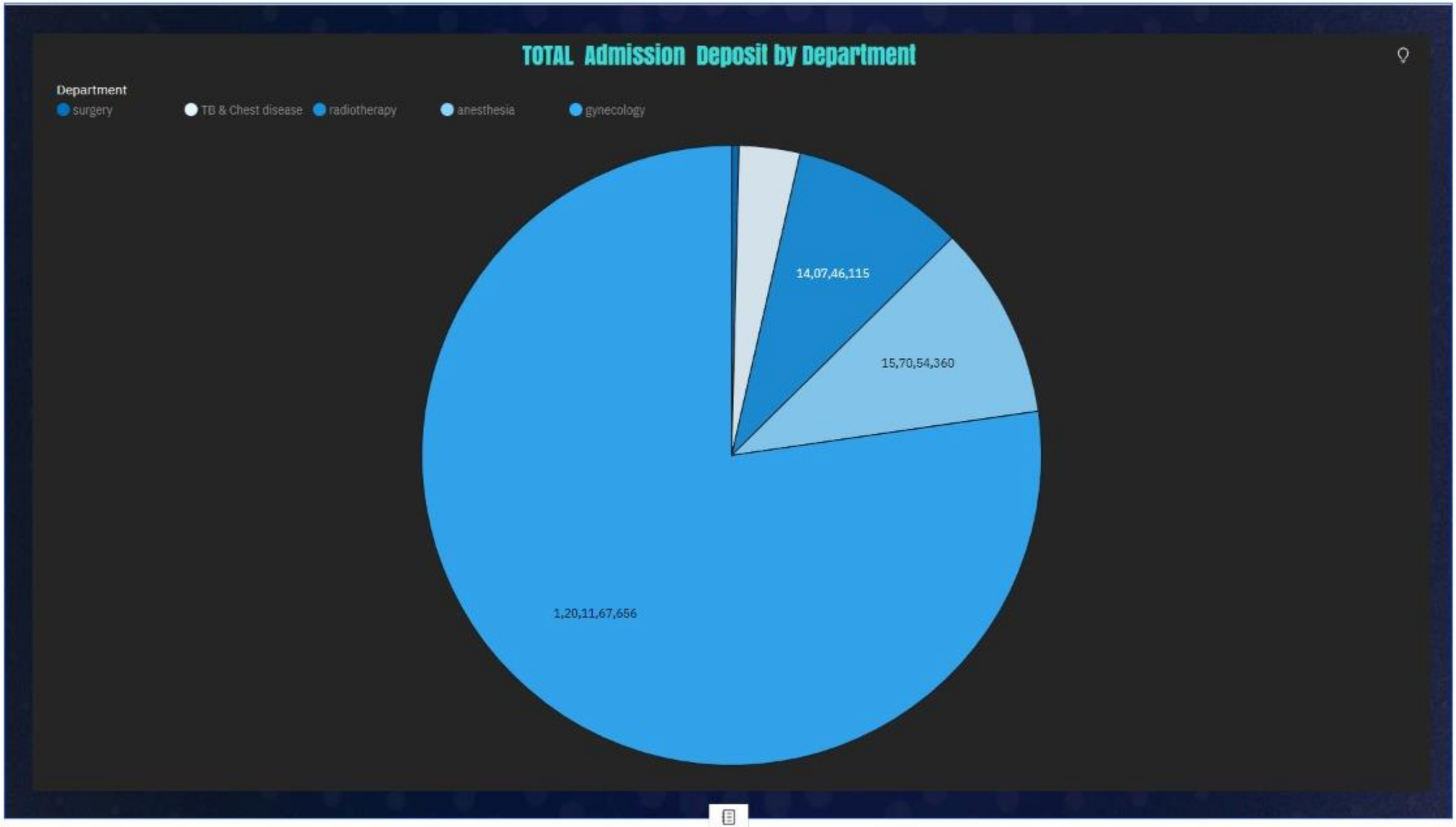

patientid by Department
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
1,10,000
1,00,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
patientid
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Department


BED GRADE by Department
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
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
Bed Grade
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Department

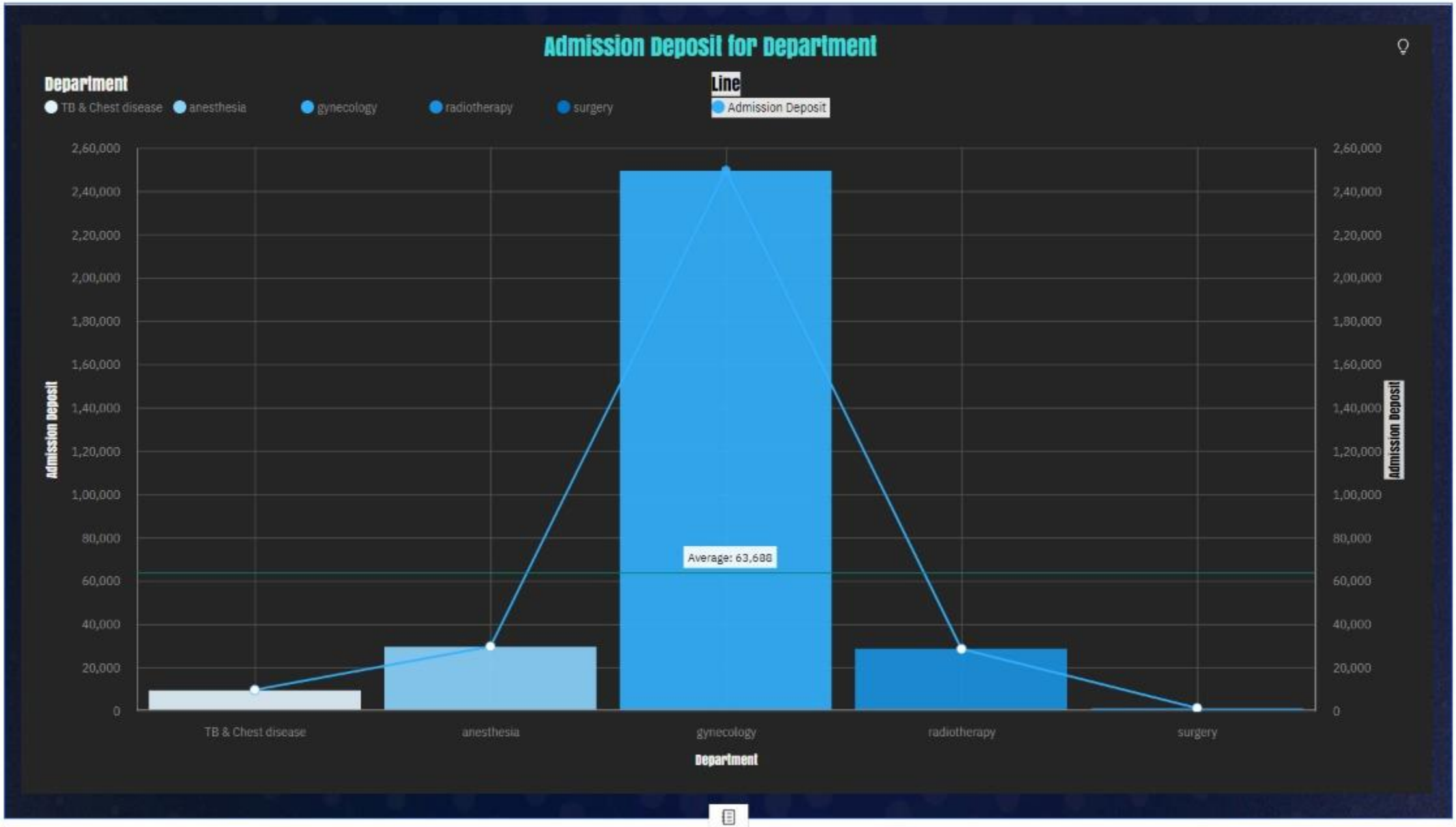
LOCATION-wise ANALYSIS

Department for City Code Hospital Regions
Department
radiotherapy
anesthesia
gynecology
TB & Chest disease
surgery
Department for Admission Deposit Regions
Department
anesthesia
radiotherapy
gynecology
TB & Chest disease
surgery
Bed Grade by City Code Hospital
Bed Grade (Co...
3,650
66,351
City Code Hospital
1
3
5
7
10
13
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
55,000
60,000
Bed Grade

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

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


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

THANK YOU TECH GEEKS

Prepared Data Link:

https://us3.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2Fdata_story%2FHOSPITAL_HEALTH_Care_data_story&action=view&sceneId=model000001847632be7d_00000000&sceneTime=0