Project Development Phase

Delivery of Sprint-4

Date	19th NOV 2022
Team ID	PNT2022TMID23375
Project Name	Analytics for Hospitals' Health-Care Data

Project Development Phase:

Sprint-1:
- ➢ Data Collection
- ➢ Data Preparation

Sprint-2:
- ➢ Data Exploration
- ➢ Data Visualization

Sprint-3:
- ➢ Dashboard Creation

Sprint-4:
- ➢ Report Creation
- ➢ Story Creation

Story Creation

ANALYTICS FOR HOSPITAL HEALTHCARE DATA REPORT

OVERVIEW

TOTAL DEPARTMENTS

5

Department

TOTAL ROOMS IN HOSPITAL
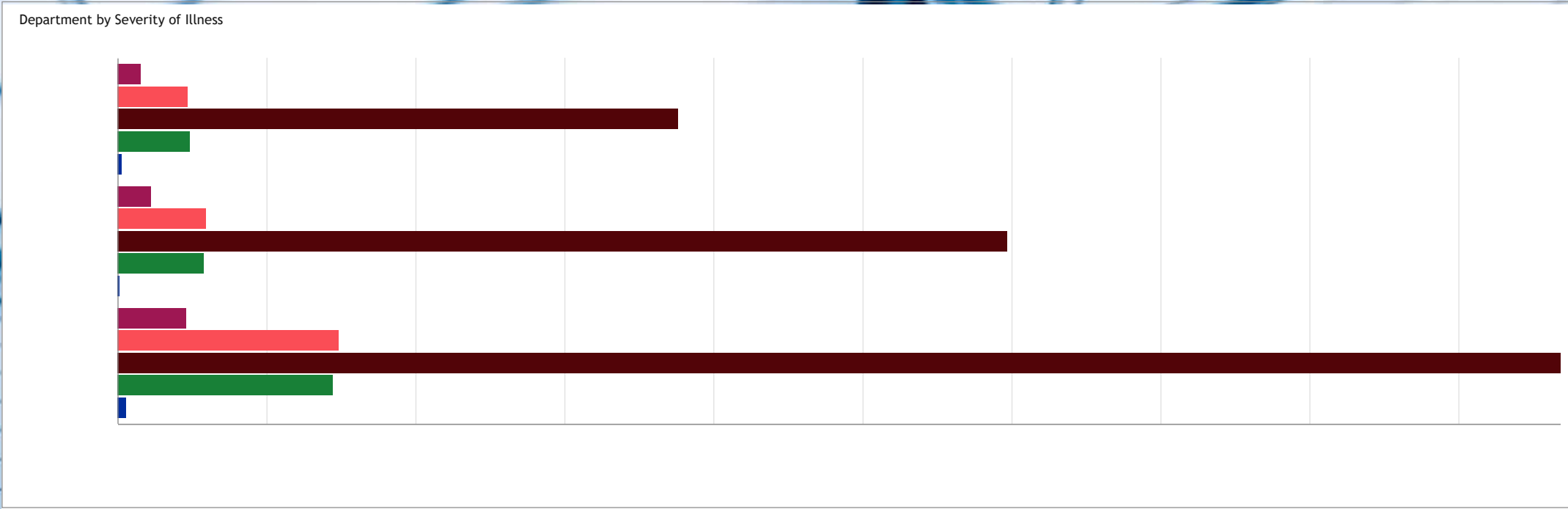
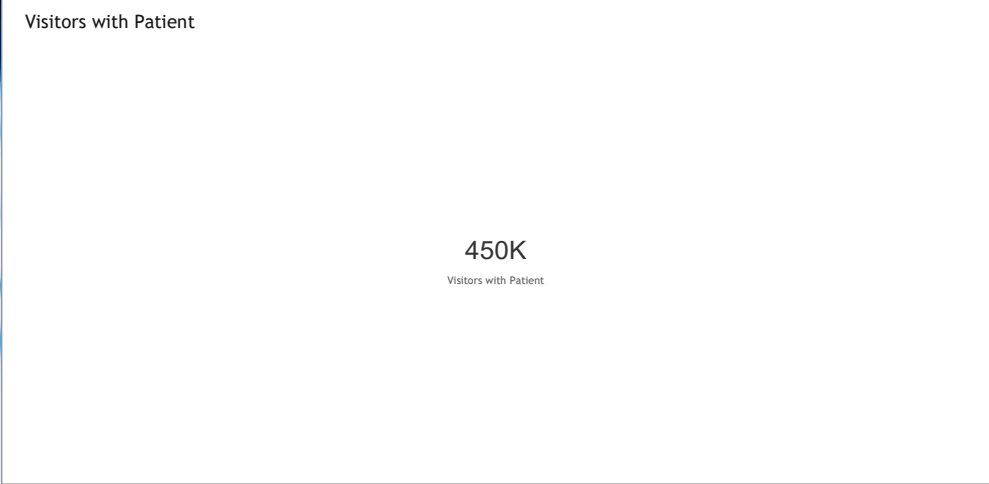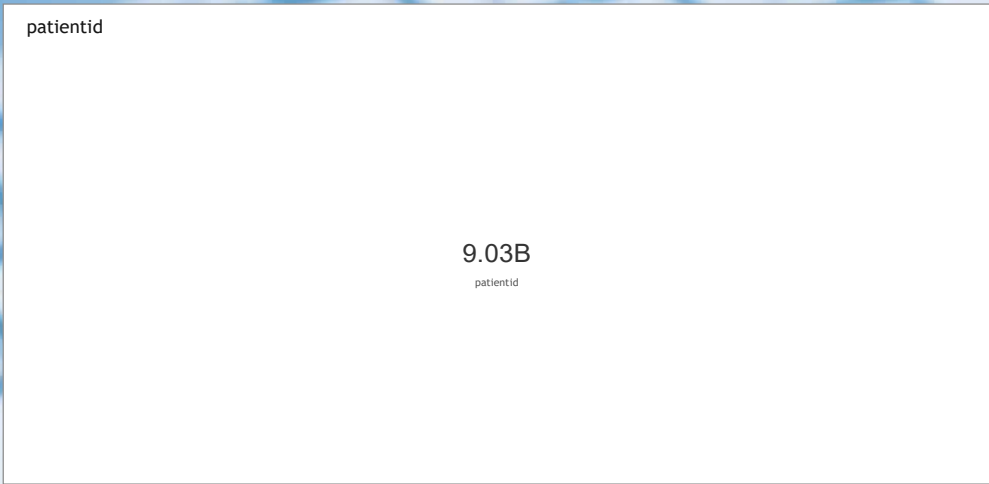# 438K

Available Extra Rooms in Hospital

BED GRADE

361K

Bed Grade

TOTAL PATIENTS

667M

Admission_Deposit

patientid

9.03B

patientid

Visitors with Patient

450K

Visitors with Patient
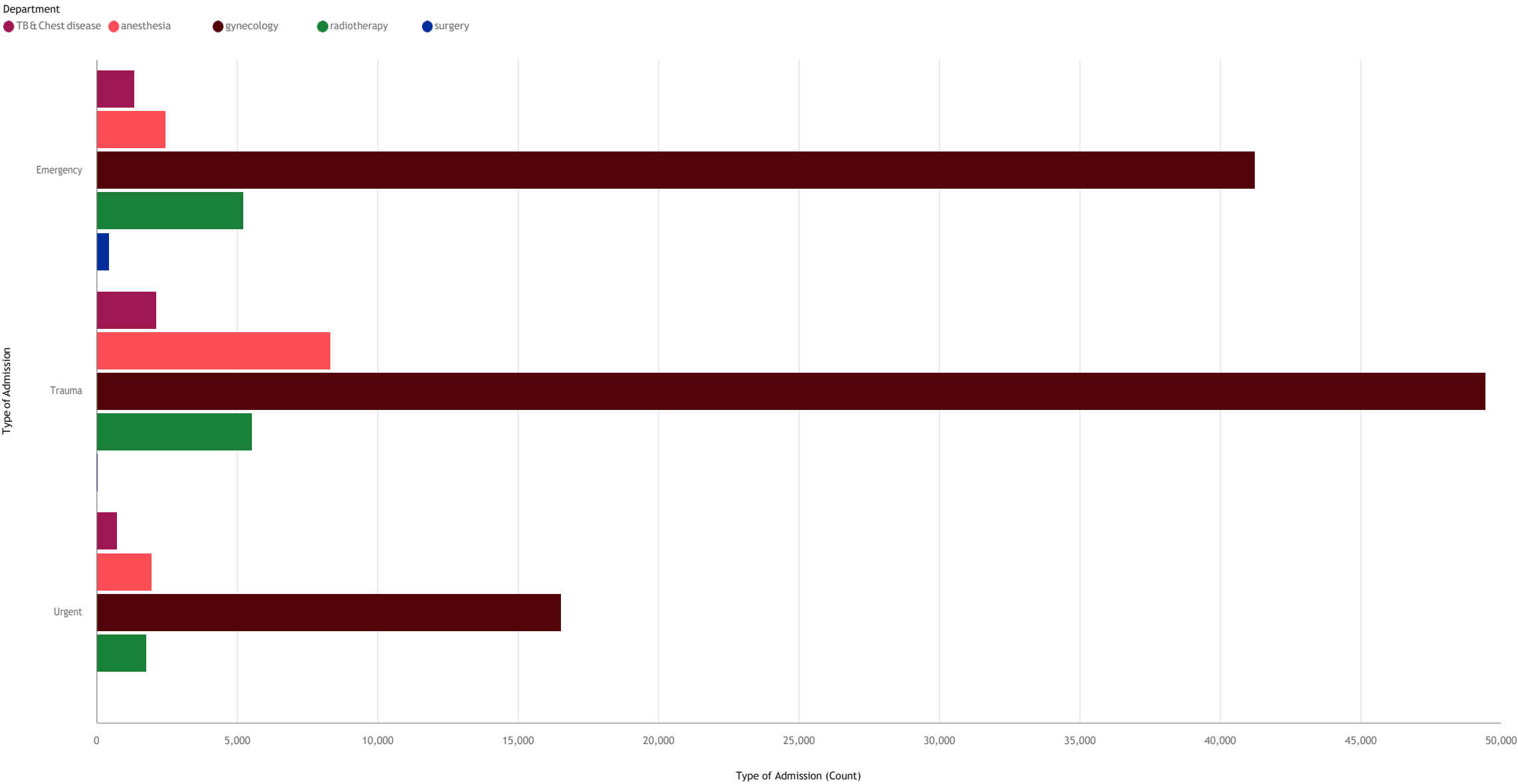
Department by Severity of Illness

DEPARTMENT ANALYSIS

Ward_Type by Department

Department
● TB & Chest disease ● anesthesia ● gynecology ● radiotherapy ● surgery
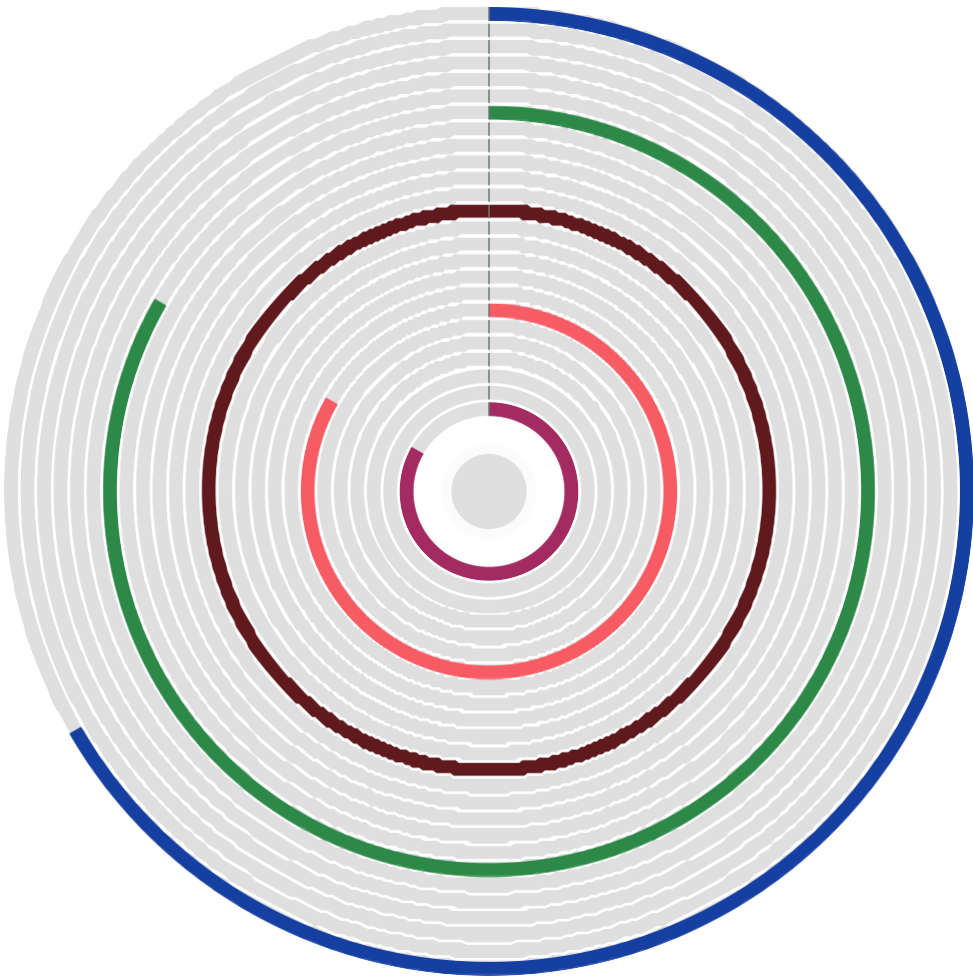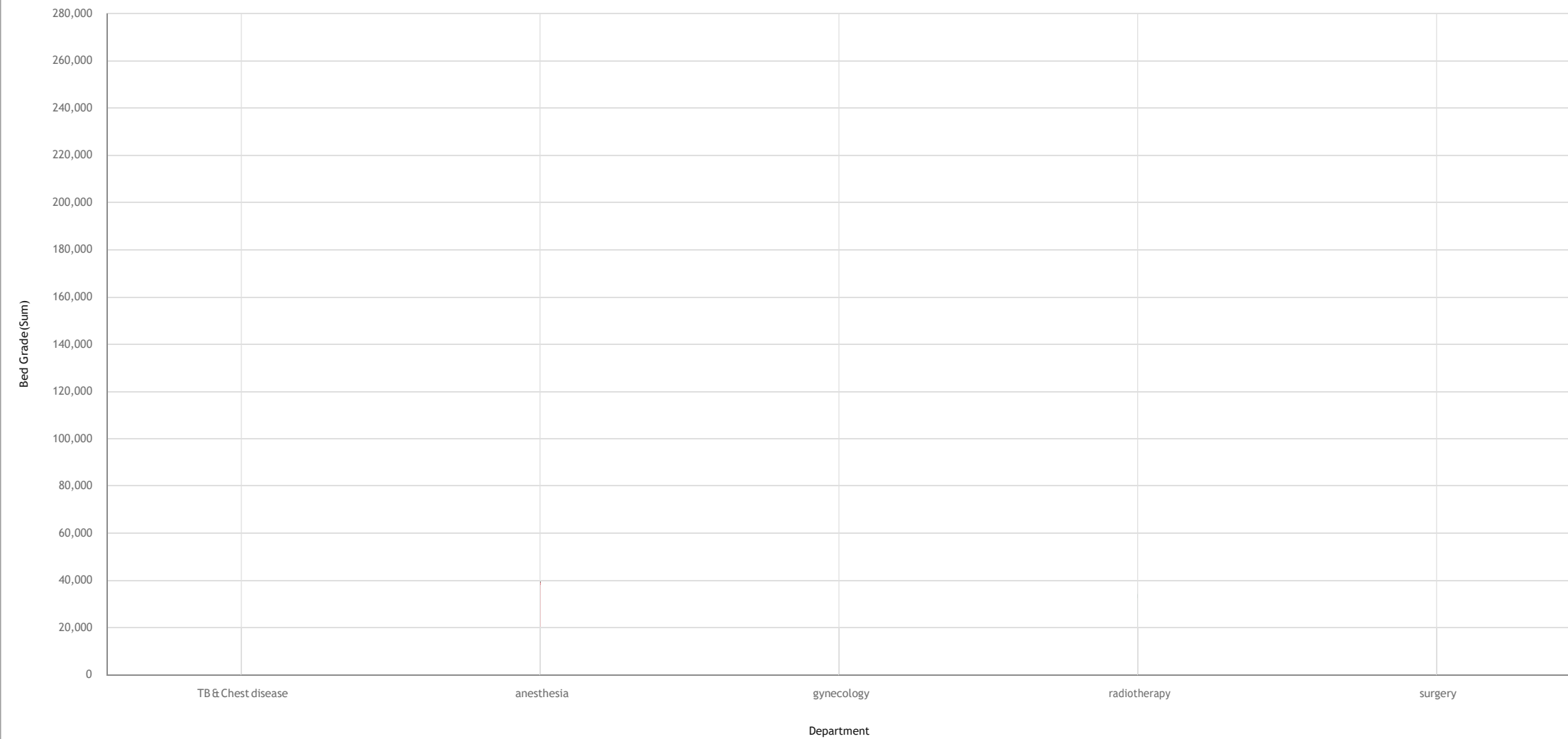
Type of Admission by Department

Type of Admission (Count)

patientid by Department

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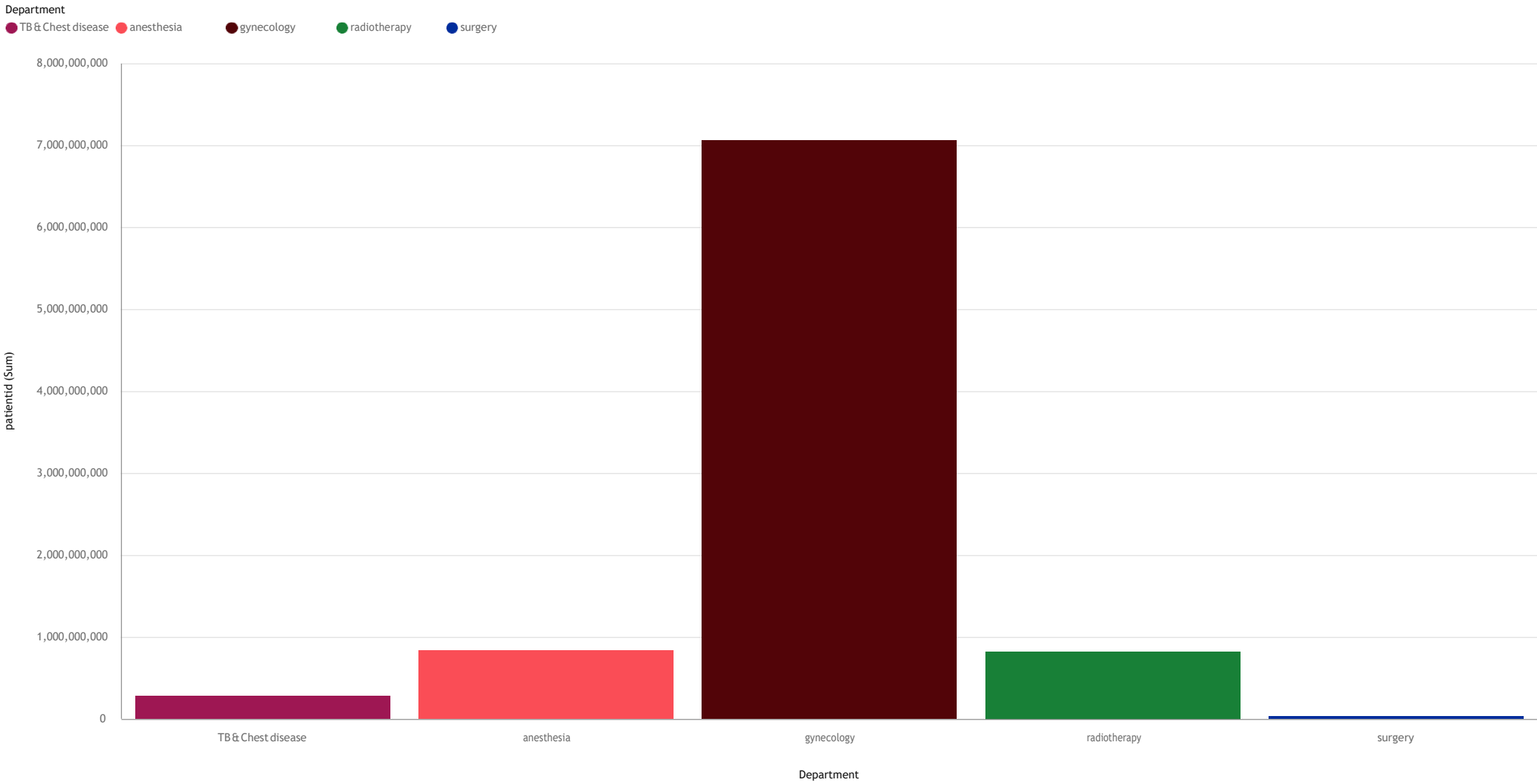
Bed Grade by Department

Department

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

Bed Grade (Sum)

| | 280,000 |
| 260,000 |
| 240,000 |
| 220,000 |
| 200,000 |
| 180,000 |
| 160,000 |
| 140,000 |
| 120,000 |
| 100,000 |
| 80,000 |
| 60,000 |
| 40,000 |
| 20,000 |
| 0 |

TB & Chest disease   anesthesia   gynecology   radiotherapy   surgery

Department

Location Wise Analysis
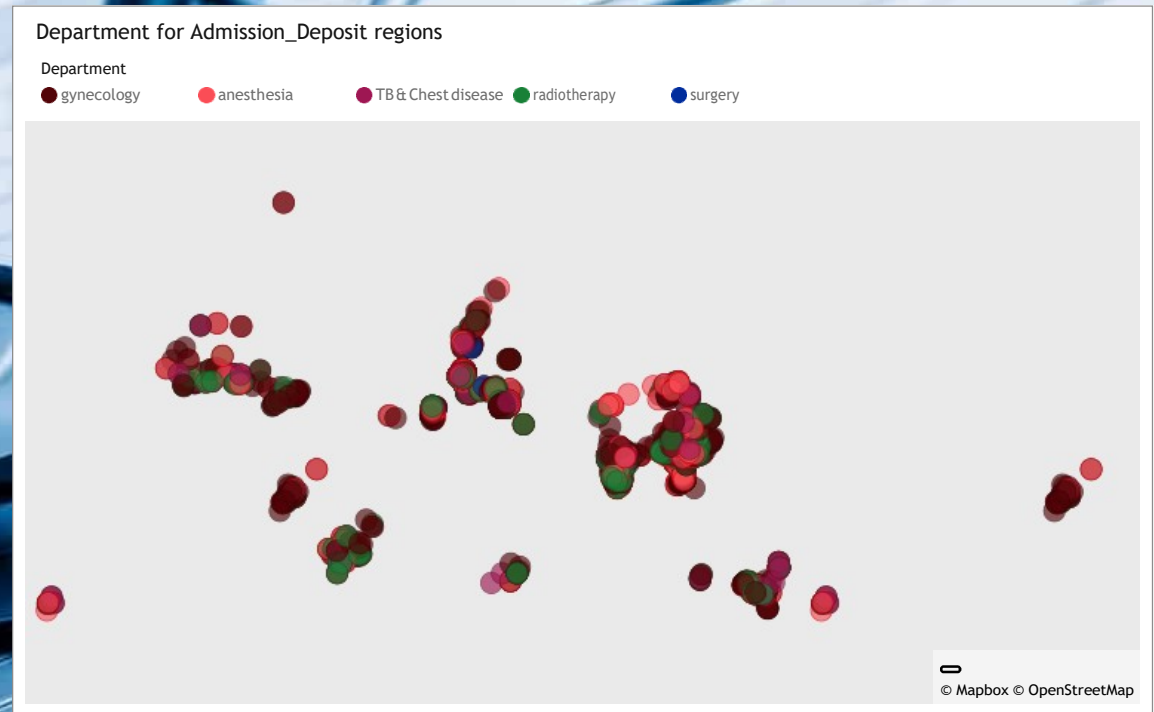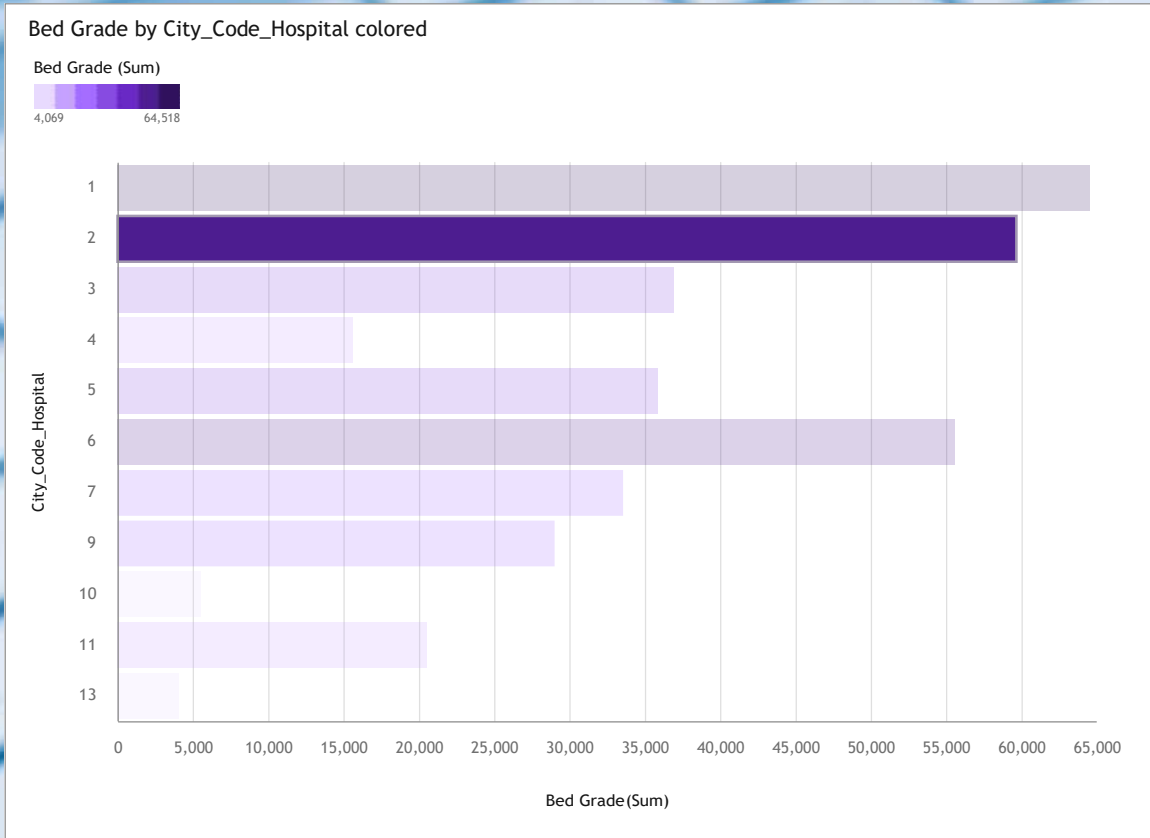
Bed Grade by City_Code_Hospital colored

Bed Grade (Sum)

4,069 — 64,518

Chart axis labels:
- Y-axis (City_Code_Hospital): 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13
- X-axis (Bed Grade (Sum)): 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, 65,000

Department for Admission_Deposit regions

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

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ADMISSION DEPOSIT

Admission_Deposit by Department

Department
🔵 surgery 🟣 TB & Chest disease 🟢 radiotherapy 🔴 anesthesia 🟤 gynecology

61,931,741

67,364,324

514,543,045
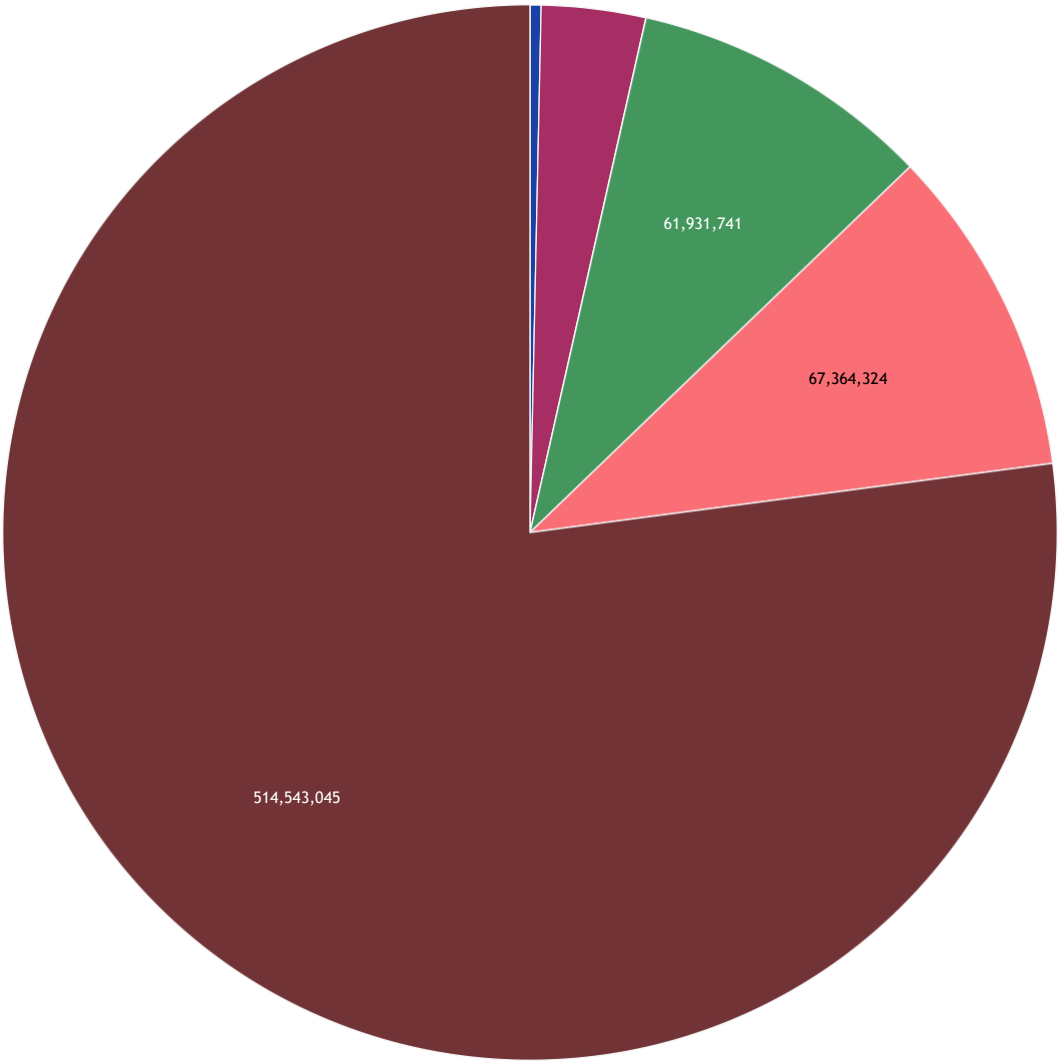
Admission Deposit for Department
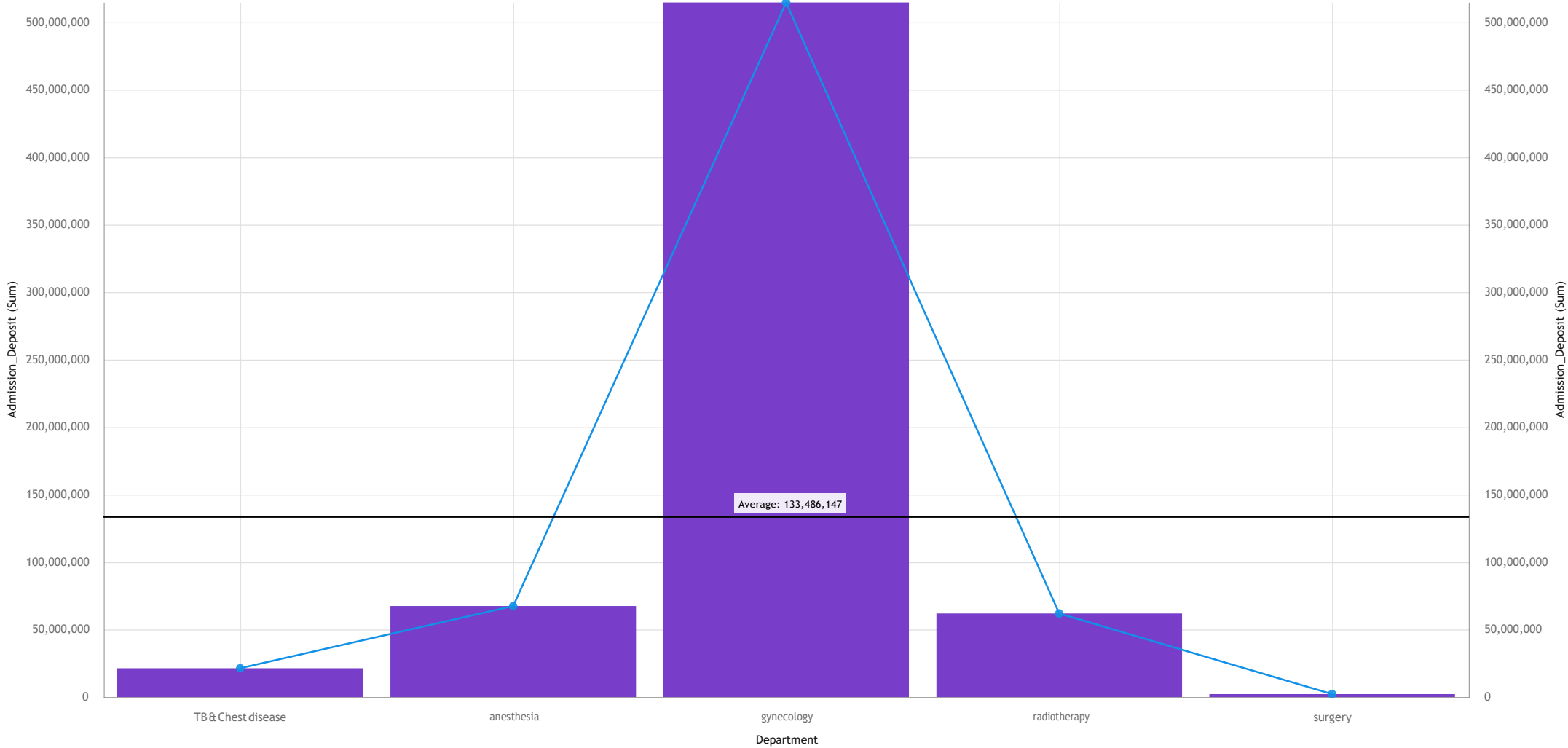
THANK YOU

Dataset Link:

- https://us3.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2FSPRINT-4%2BSTORY&action=view&sceneId=model00000184916de95b_00000000&sceneTime=0