Project Development Phase

Delivery of Sprint-4

Date	19th NOV 2022
Team ID	PNT2022TMID23616
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:

➢ DashboardCreation

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
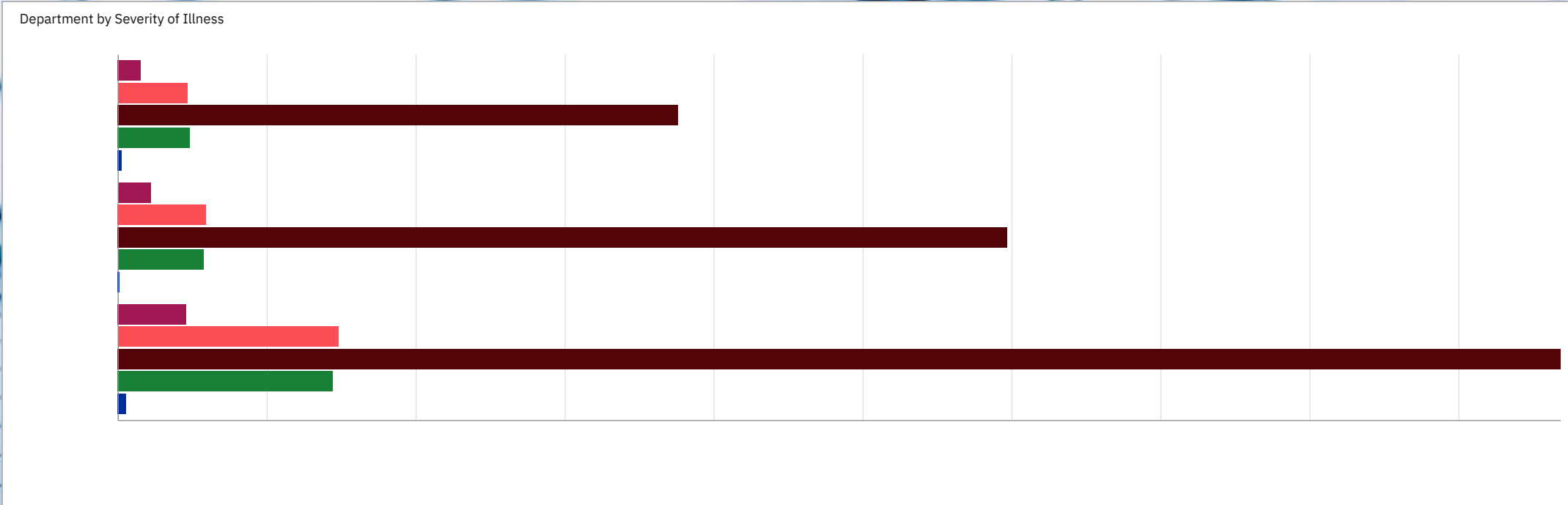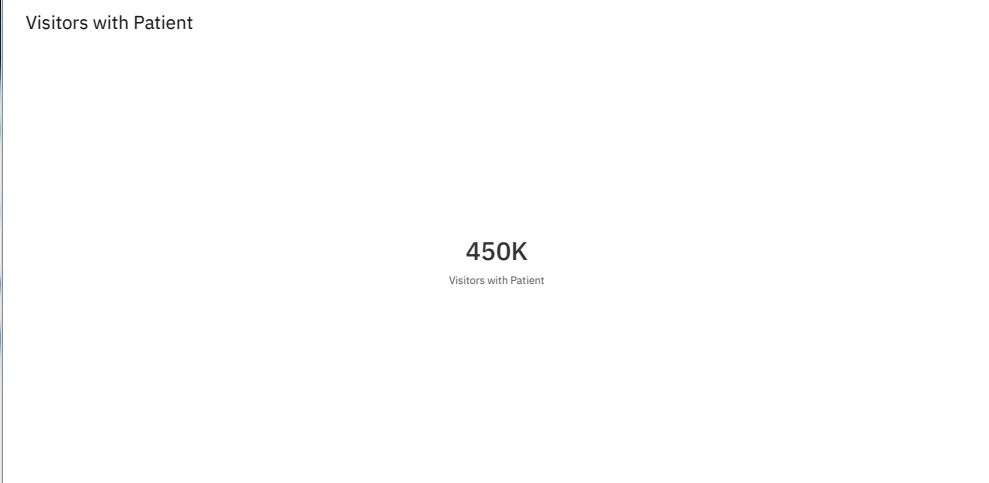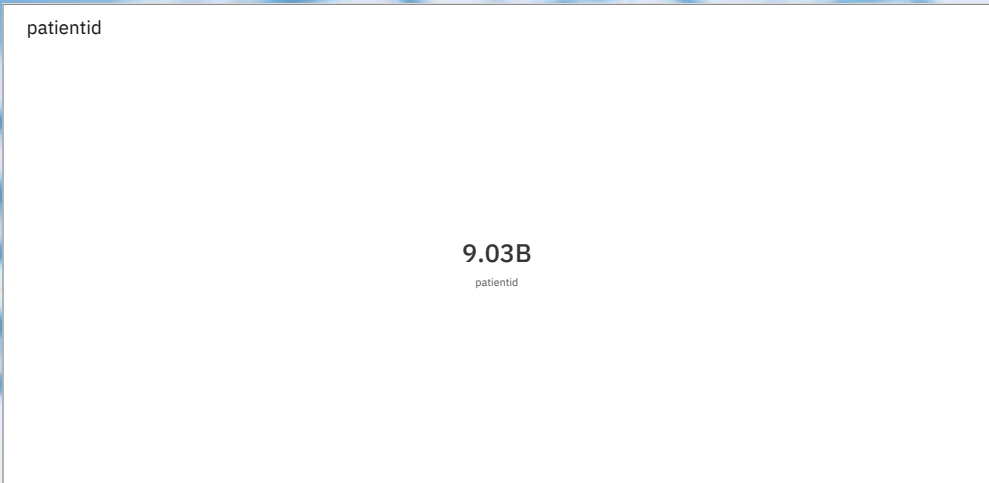
patientid

9.03B

patientid

Visitors with Patient

450K

Visitors with Patient

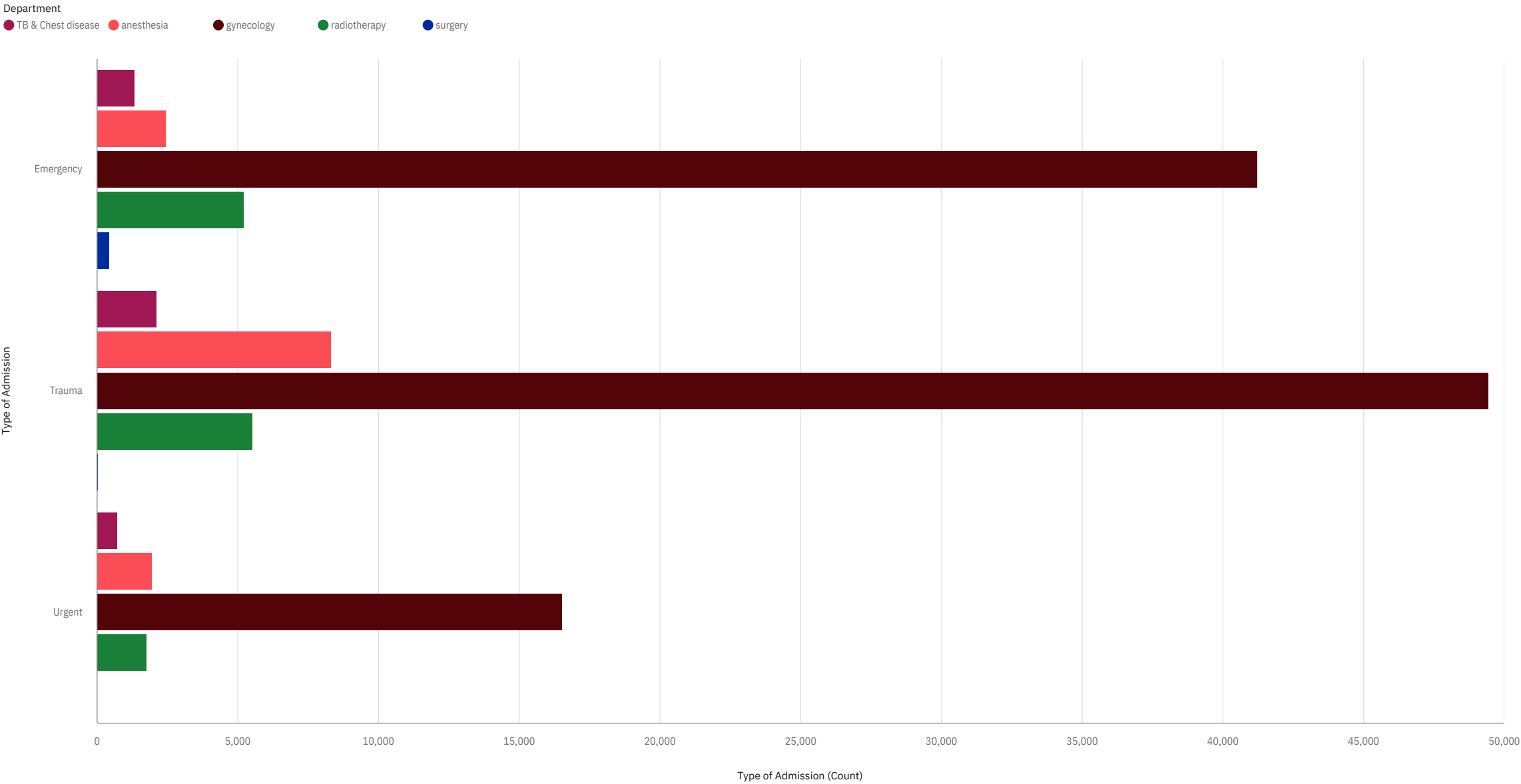## Department by Severity of Illness
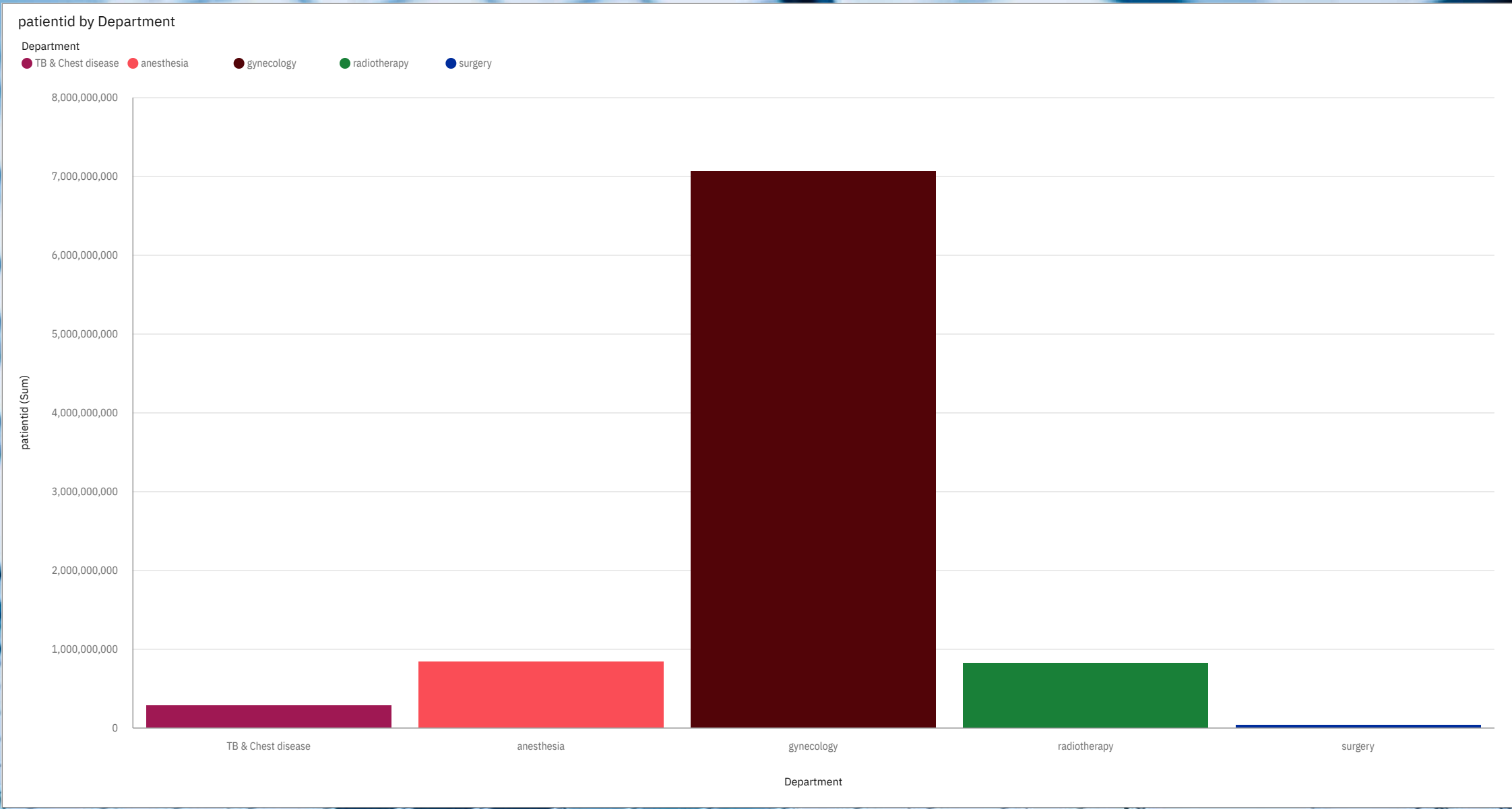
DEPARTMENT ANALYSIS

Ward_Type by Department

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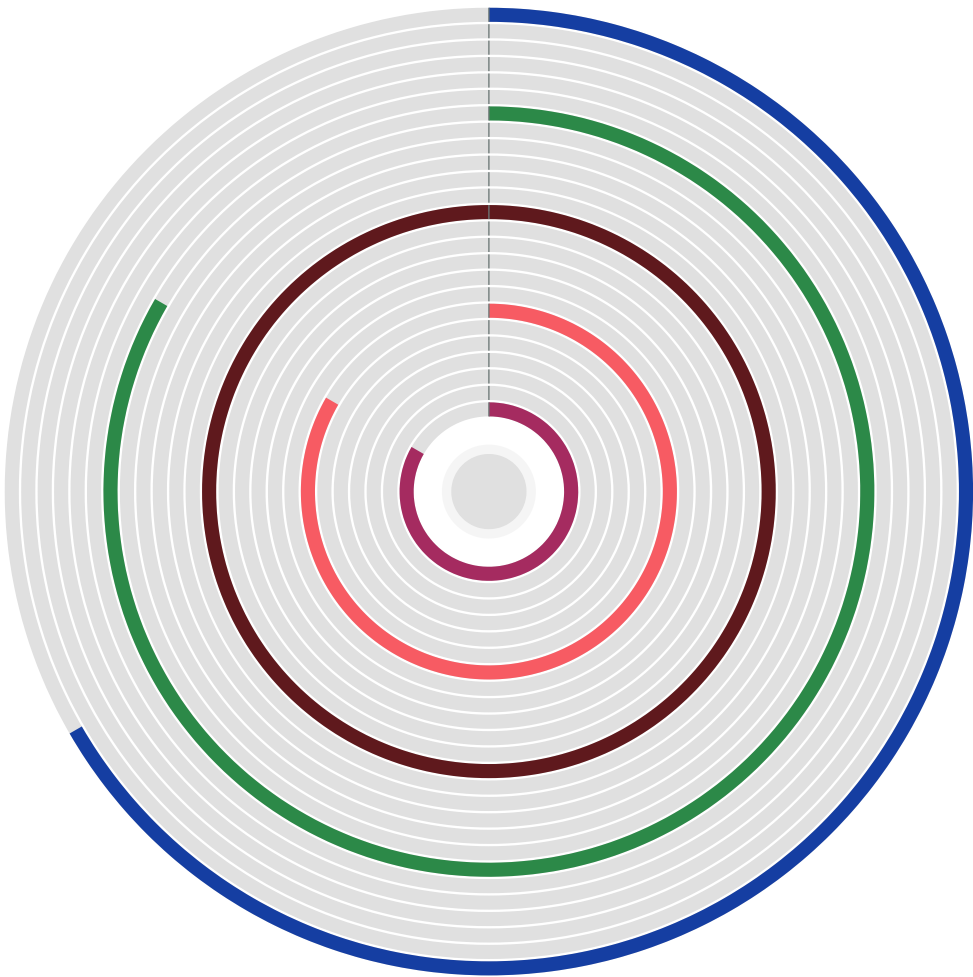
Type of Admission by Department

patientid by Department

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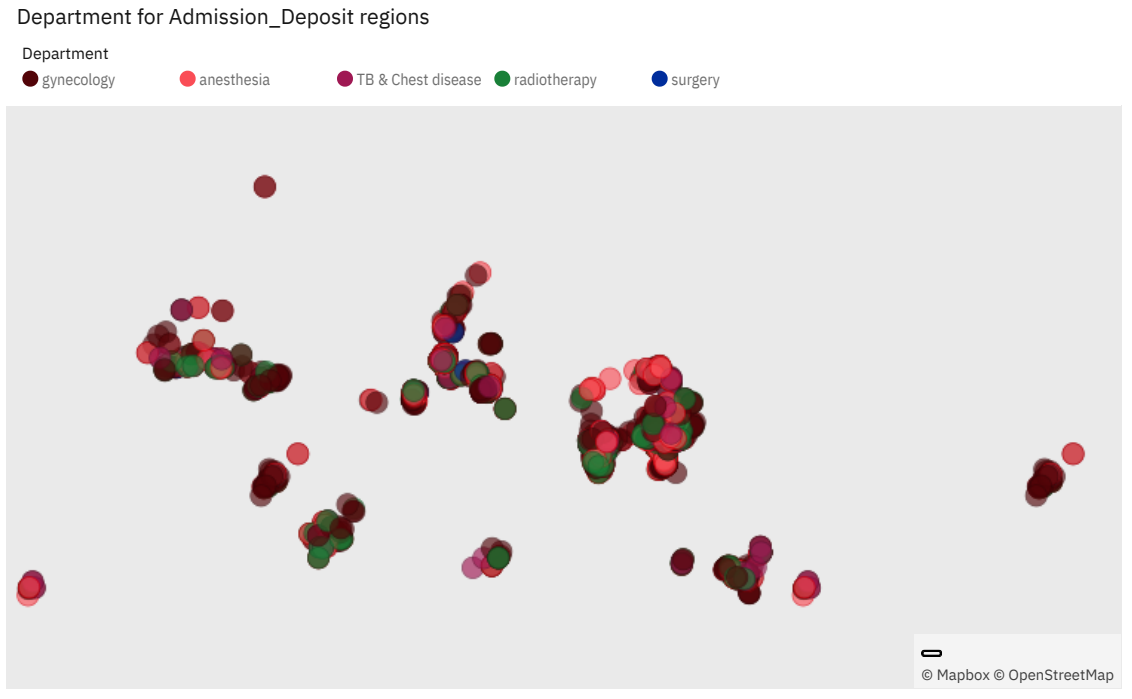

patientid by Department

Bed Grade by Department

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

Bed Grade (Sum) vs Department

Location Wise Analysis

Bed Grade by City_Code_Hospital colored

Bed Grade (Sum)

4,069 64,518

Department for Admission_Deposit regions

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

© Mapbox © OpenStreetMap

ADMISSION DEPOSIT

Admission_Deposit by Department

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

61,931,741

67,364,324

514,543,045
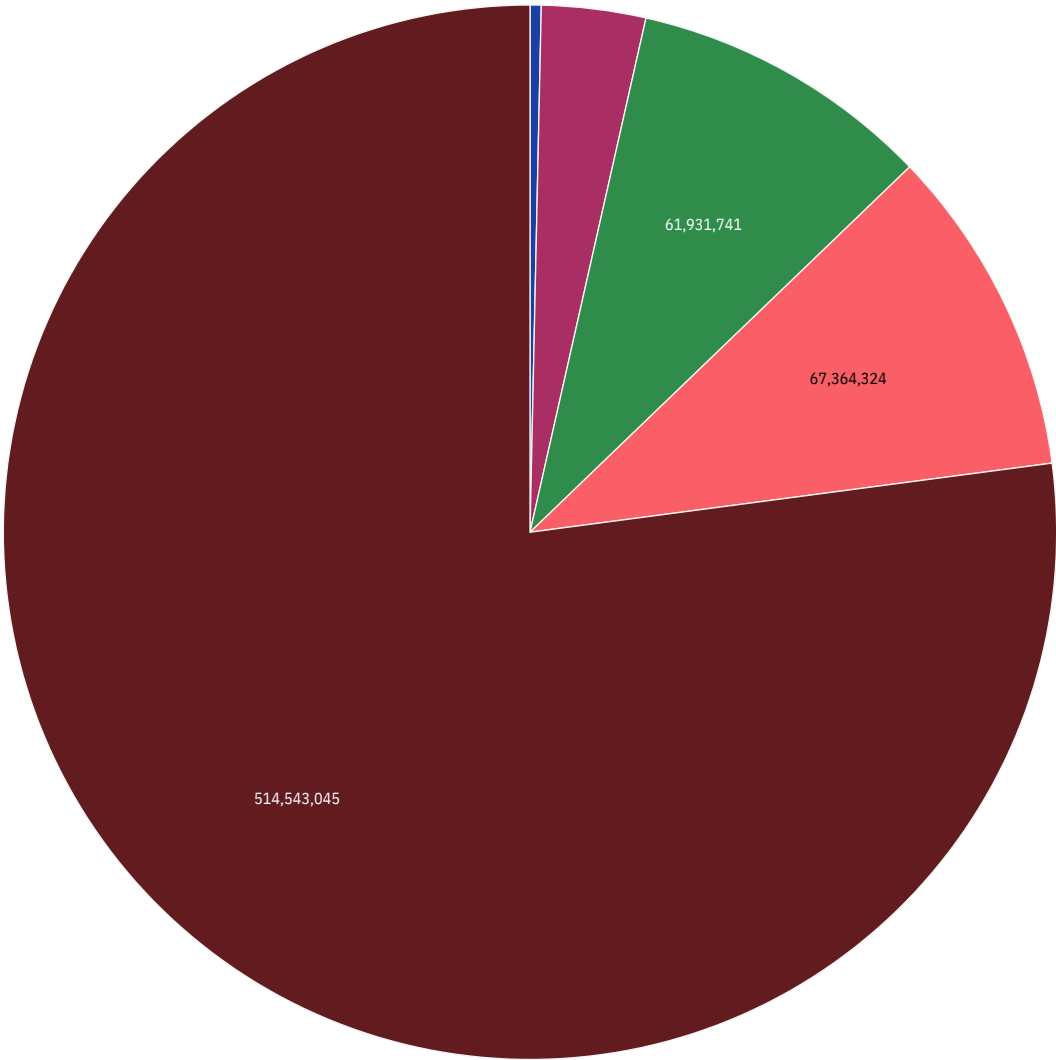
Admission_Deposit compared to Type of Admission

Admission_Deposit

3 (+22,247,691,066.67%)

Type of Admission

Admission Deposit for Department
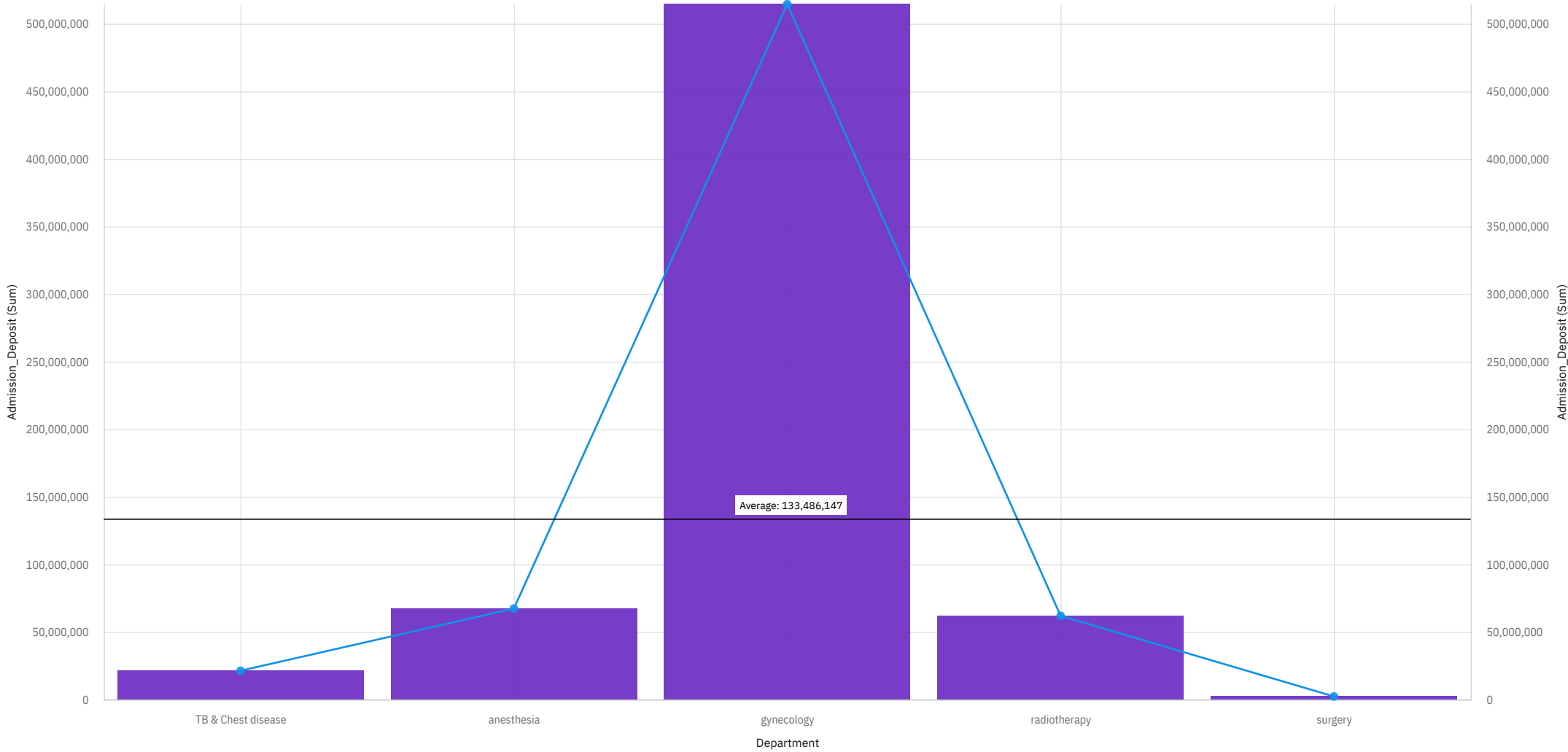
Column
● Admission_Deposit (Sum)

Line
● Admission_Deposit (Sum)

Average: 133,486,147

Y-axis (left and right): Admission_Deposit (Sum) — 0, 50,000,000, 100,000,000, 150,000,000, 200,000,000, 250,000,000, 300,000,000, 350,000,000, 400,000,000, 450,000,000, 500,000,000

X-axis: Department — TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery

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