STORY

Date	10 November 2022
Team ID	PNT2022TMID14777
Project Name	Project - Analytics for hospitals health care data

Analytics for Hospital's Health Care Data

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TEAM ID : PNT2022TMID14777

Story Creation

- **Severity of illness reported by Case ID**

- **Availability of extra rooms in hospital depending on hospital type code**

- **Cases reported in different age groups**

- **Stay by Patients**

- **Total admission deposit collected depending on Stay**

- **Visitors with patients depending on Hospital Type**

- **Patients reported in the hospital by region code**

- **Admission Deposit by Department**

ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA
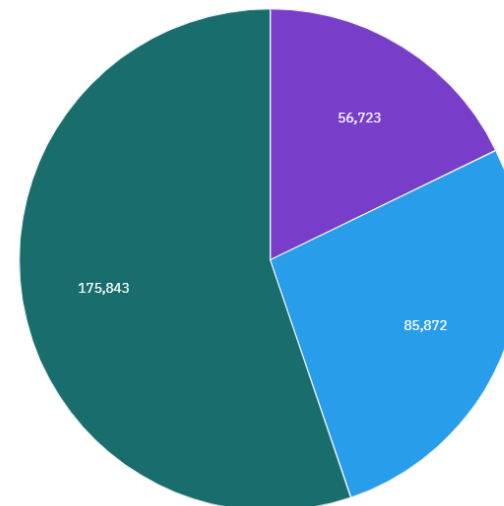
Story Generation

- **Severity of illness reported by Case ID**

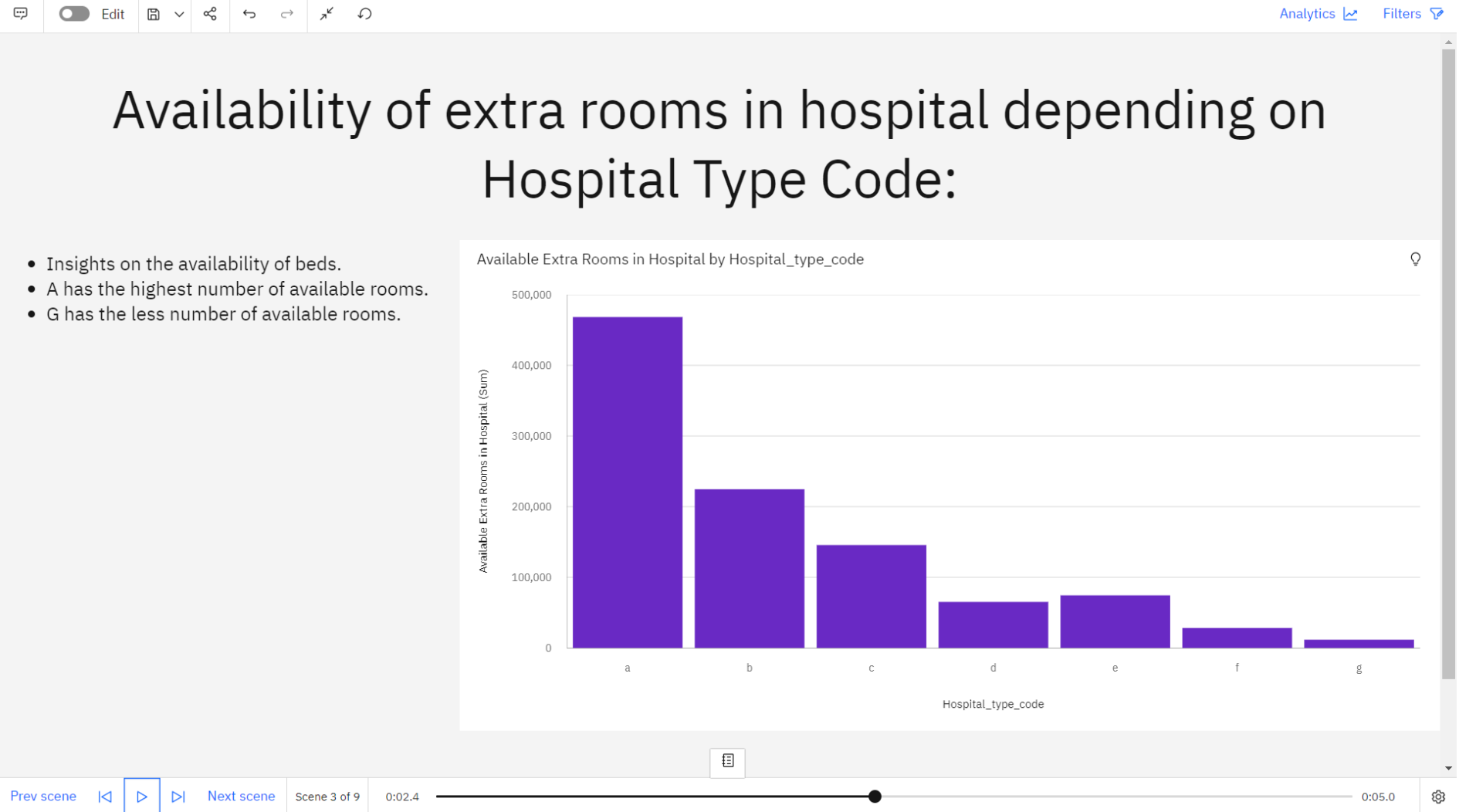# Severity of illness reported by Case ID

- Severity of Illness is classified into Extreme, Moderate and Minor.
- Extreme cases is less than other two.
- Moderate cases is higher.

case_id by Severity of Illness

Severity of Illness
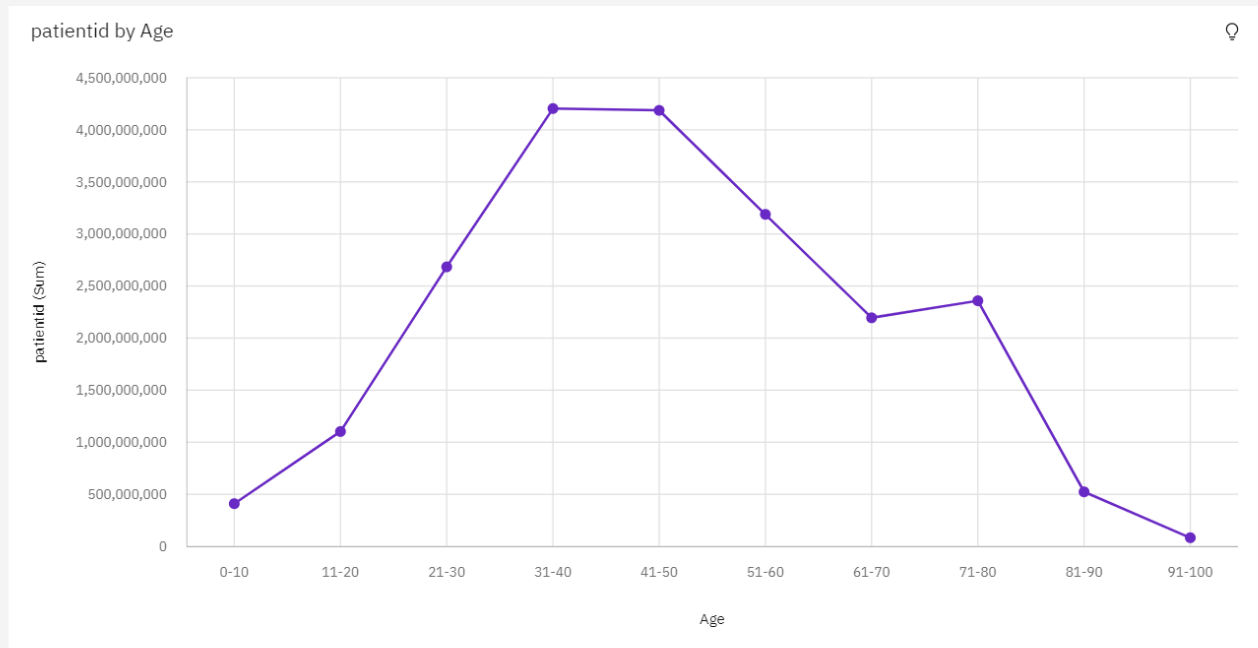- Extreme - Minor - Moderate

Prev scene   Next scene   Scene 2 of 9   0:00.0   0:05.0

- **Availability of extra rooms in hospital depending on hospital type code**
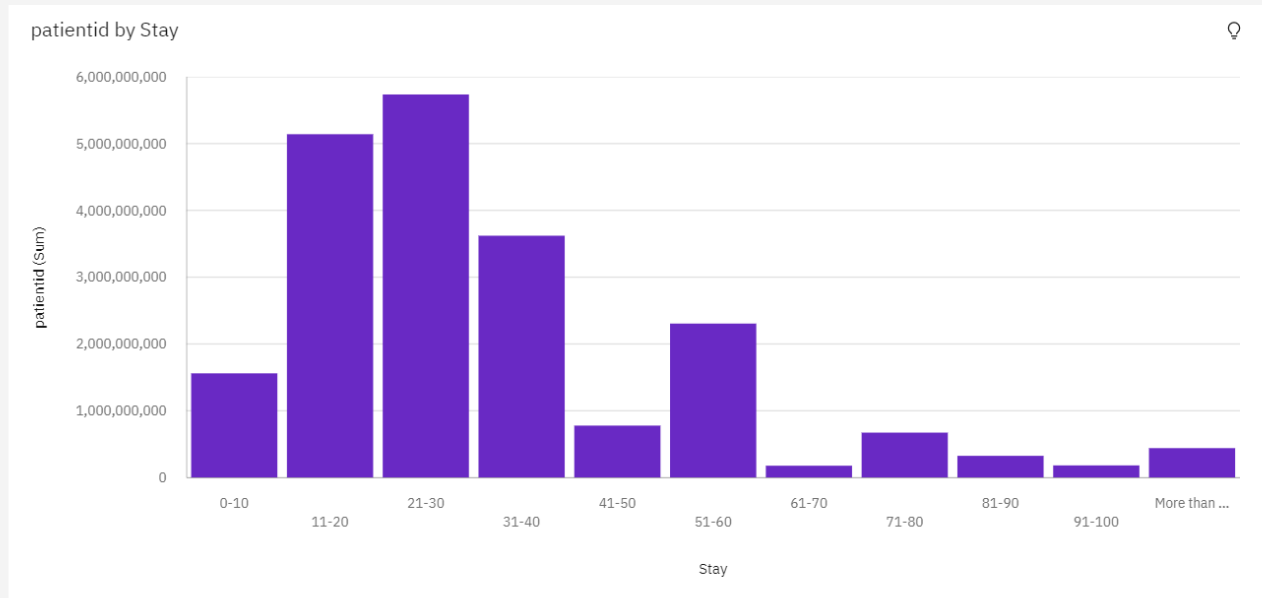
- **Cases reported in different age groups**

- **Stay by Patients**

Stay by Patients

- High LOS is 21-30 days followed by 11-20 days.
- 61-70 days is the least LOS.

patientid by Stay

- **Total admission deposit collected depending on Stay**

Total Admission deposit collected depending on Stay

- Patients in 21-30 days generated the highest in the overall collection of the admission deposit.
- Patients in 91-100 days generated the least in the overall collection of the admission deposit.

Admission_Deposit for Stay hierarchy

Admission_Depos...

	Stay				
	○ 0-10	○ 11-20	○ 21-30	○ 31-40	○ 41-50	○ 51-60
	● 61-70	○ 71-80	○ 81-90	○ 91-100	○ More than 100 Days	

13,038,465   439,669,426

Prev scene ⏮ ▷ ⏭ Next scene   Scene 6 of 9   0:00.6   0:05.0   ⚙
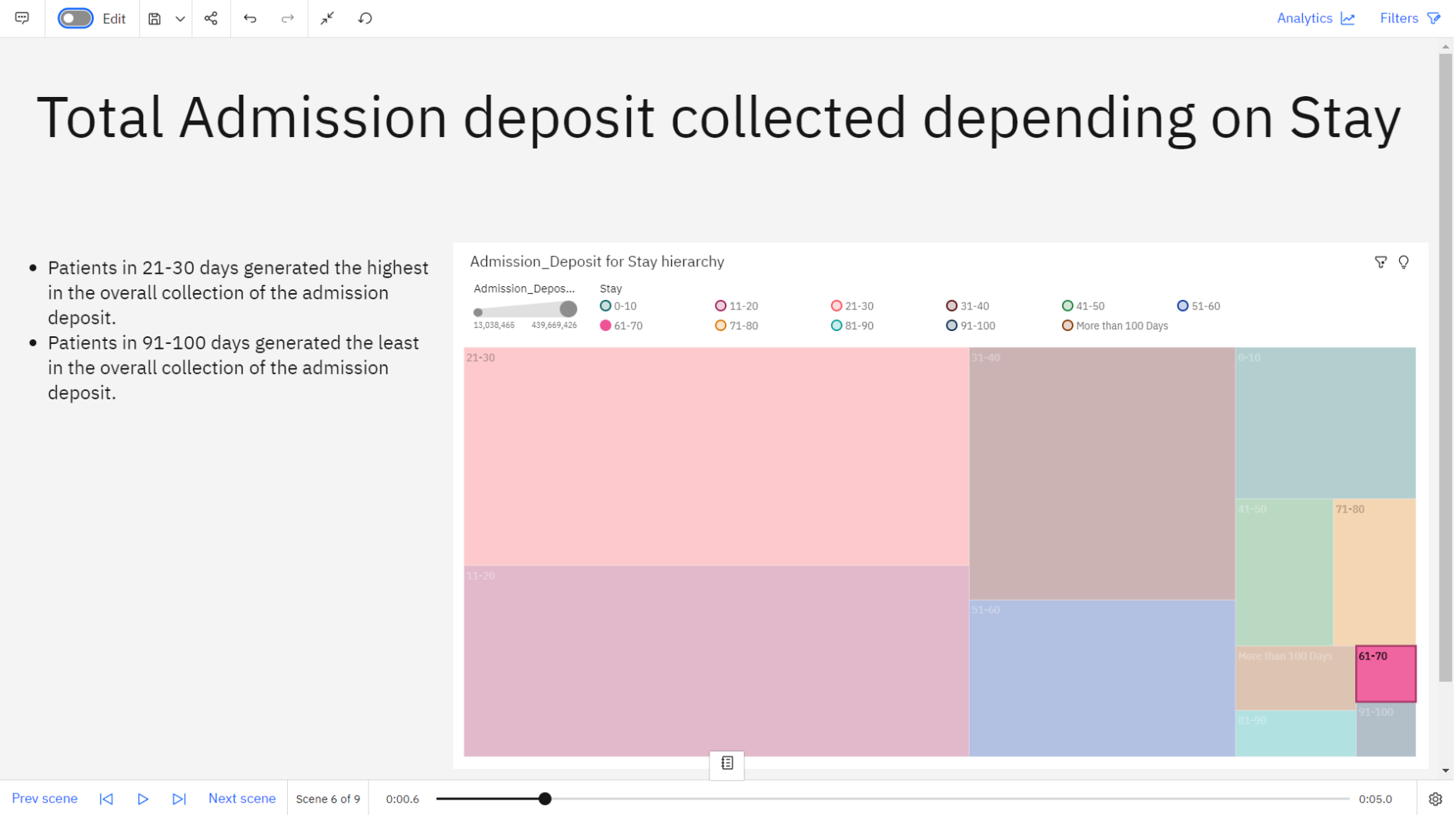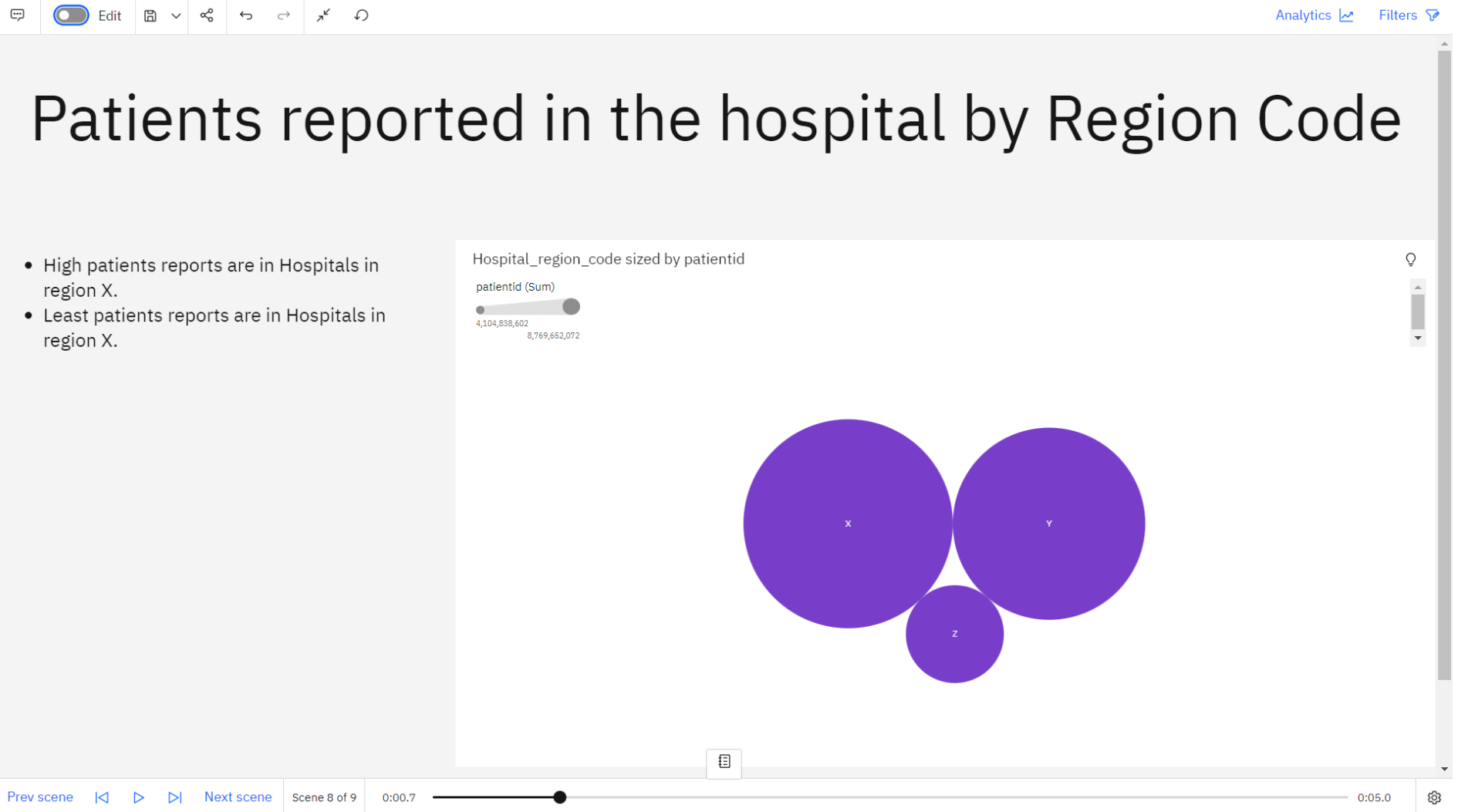
- **Visitors with patients depending on Hospital Type**

Visitors with patients depending on Hospital Type

- Type A has highest number of visitors with patients followed by Type B.
- Type G has least number of visitors with patients.
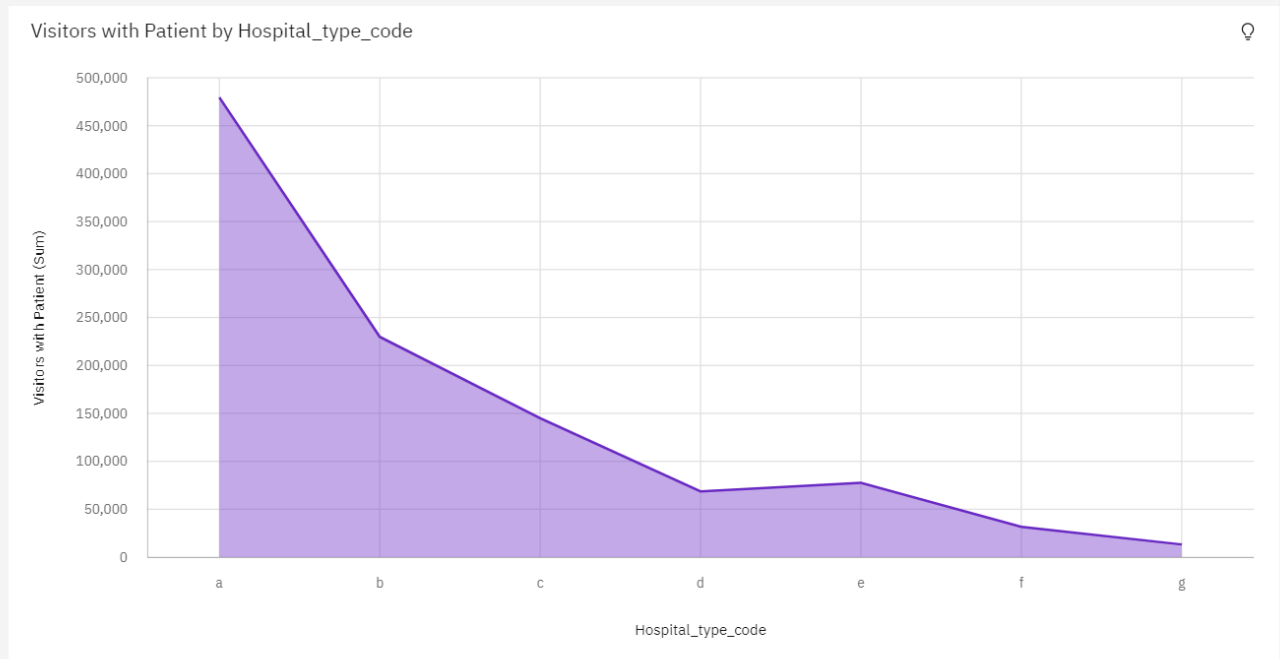
Visitors with Patient by Hospital_type_code

- **Patients reported in the hospital by region code**

Patients reported in the hospital by Region Code

- High patients reports are in Hospitals in region X.
- Least patients reports are in Hospitals in region X.

Hospital_region_code sized by patientid

patientid (Sum)

4,104,838,602

8,769,652,072

Prev scene   Next scene   Scene 8 of 9   0:00.7   0:05.0

- **Admission Deposit by Department**

Admission Deposit by Department

- Insight tells the total departments is Five.
- The least Department is Surgery.
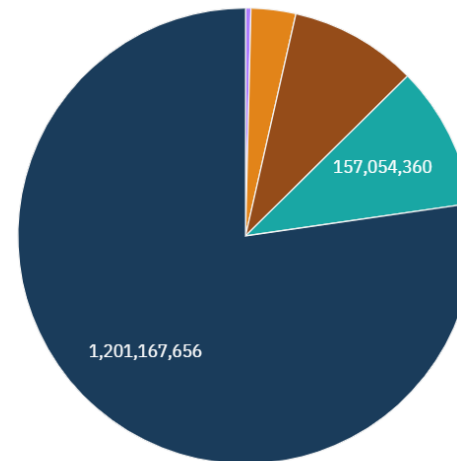
Admission_Deposit by Department

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

157,054,360

1,201,167,656

Prev scene |◁ ▷ ▷| Next scene   Scene 9 of 9   0:00.6 ━━━━━━━●━━━━━━━━━━━━━━━ 0:05.0 ⚙

Data Preparation Link:

[Story](#)