

Project Development Phase

Sprint - 4

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

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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

TEAM LEAD : JANANI M
TEAM MEMBER 1 : KAVIPRIYA T
TEAM MEMBER 2 : SADHASIVAM S
TEAM MEMBER 3 : MANJEET SINGH



TEAM ID : PNT2022TMID14777

Sprint-4

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



Prev scene



Next scene

Scene 1 of 9

0:00.0



0:05.0



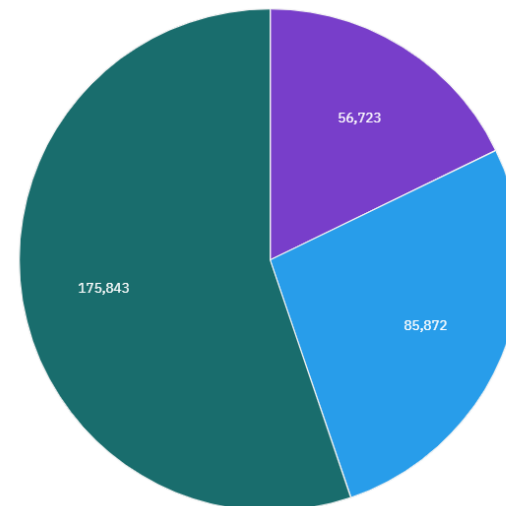
- Severity of illness reported by Case ID

Severity of illness reported by Case ID

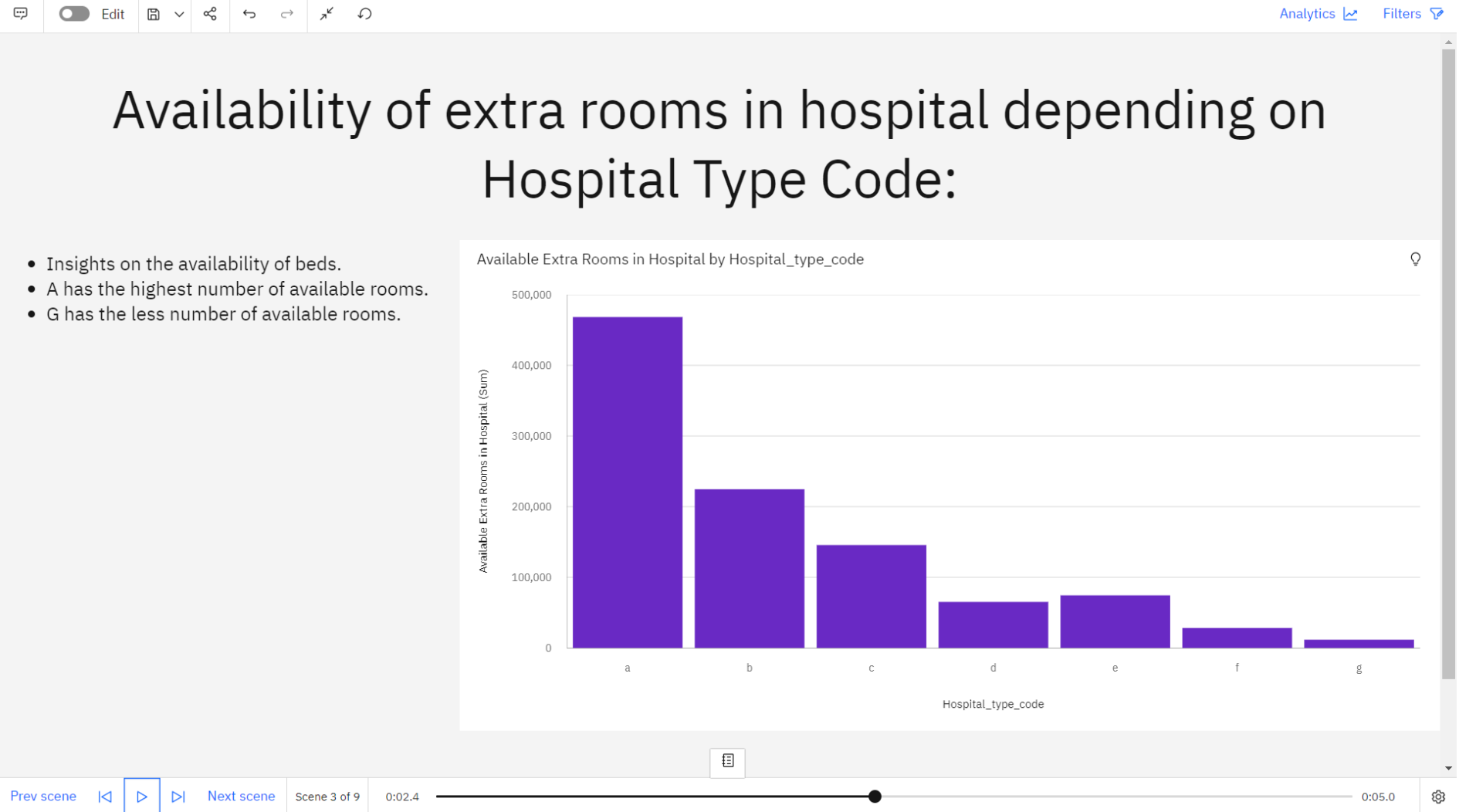
- Severity of Illness is classified into Extreme, Moderate and Minor.
- Extreme cases is less than other two.
- Moderate cases is higher.

case_id by Severity of Illness

Severity of Illness
● Extreme ● Minor ● Moderate



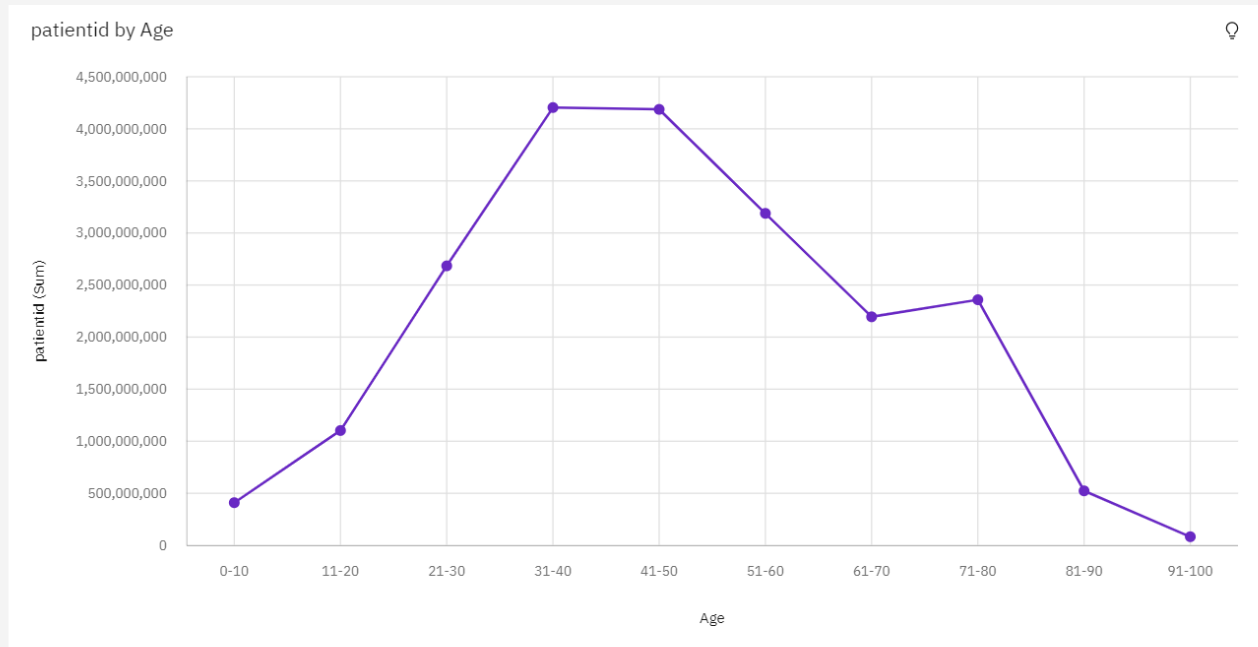
- **Availability of extra rooms in hospital depending on hospital type code**



- **Cases reported in different age groups**

Cases reported in different Age Groups

- In the age group 31-40 majority of cases are reported, followed by 41-50 age group.
- Least reported age group is 91-100.



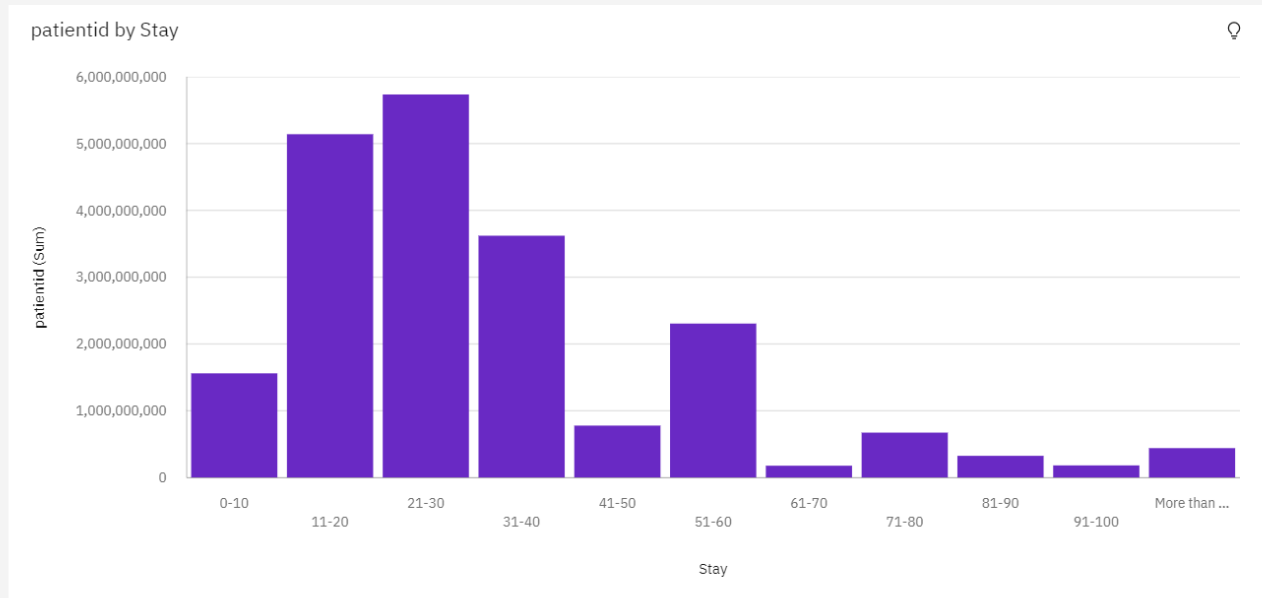
• Stay by Patients



Analytics Filters

Stay by Patients

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



Prev scene Next scene

Scene 5 of 9

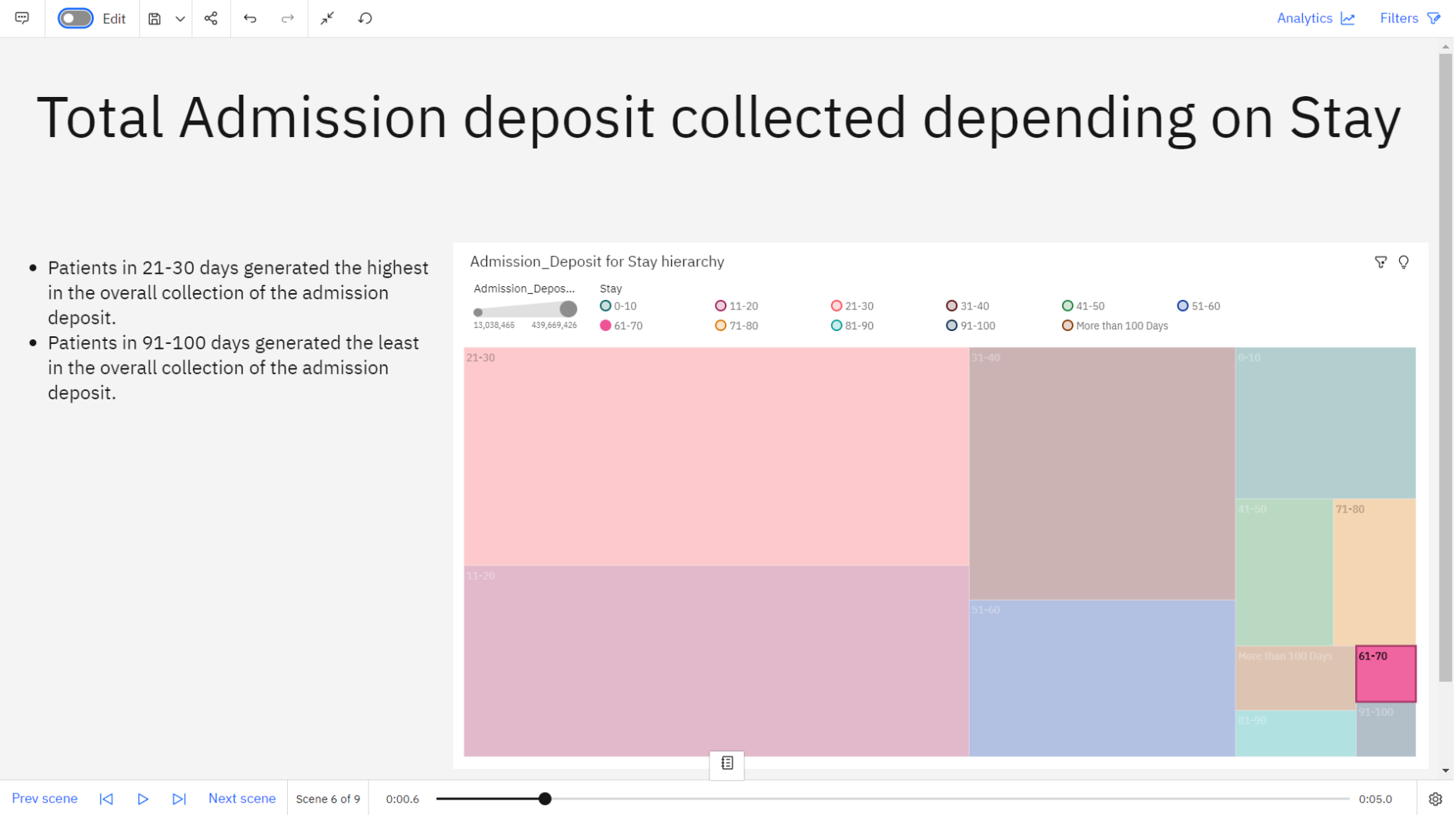
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0:05.0



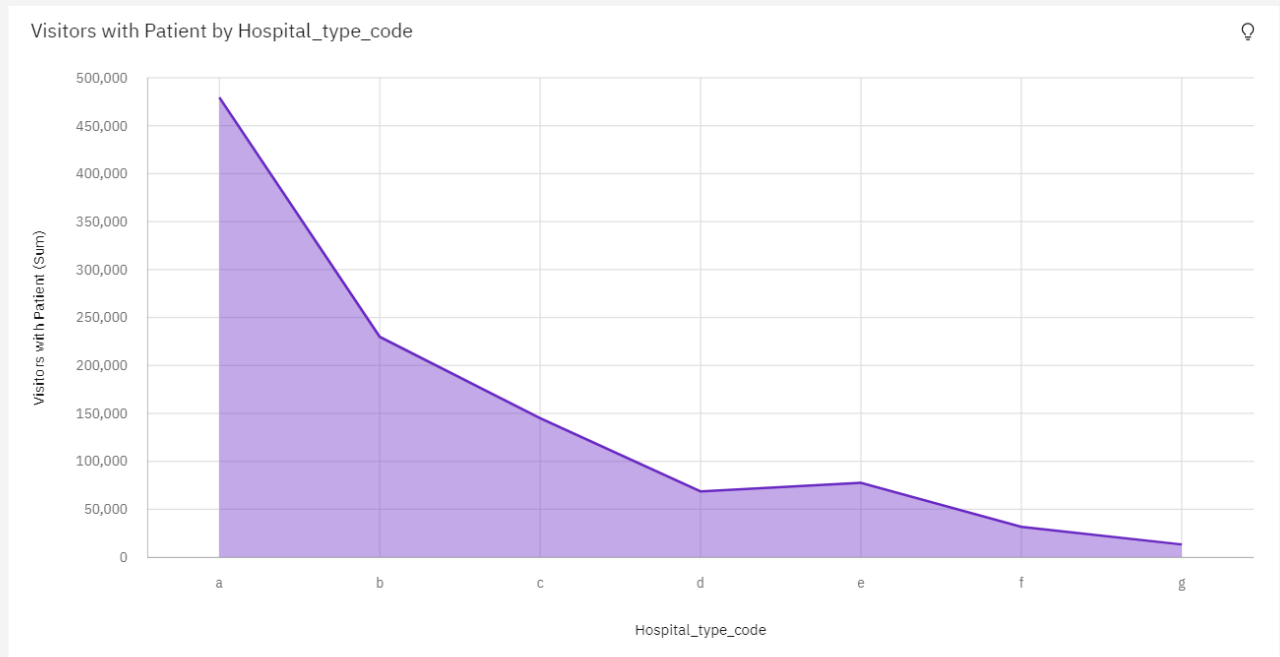
- **Total admission deposit collected depending on Stay**



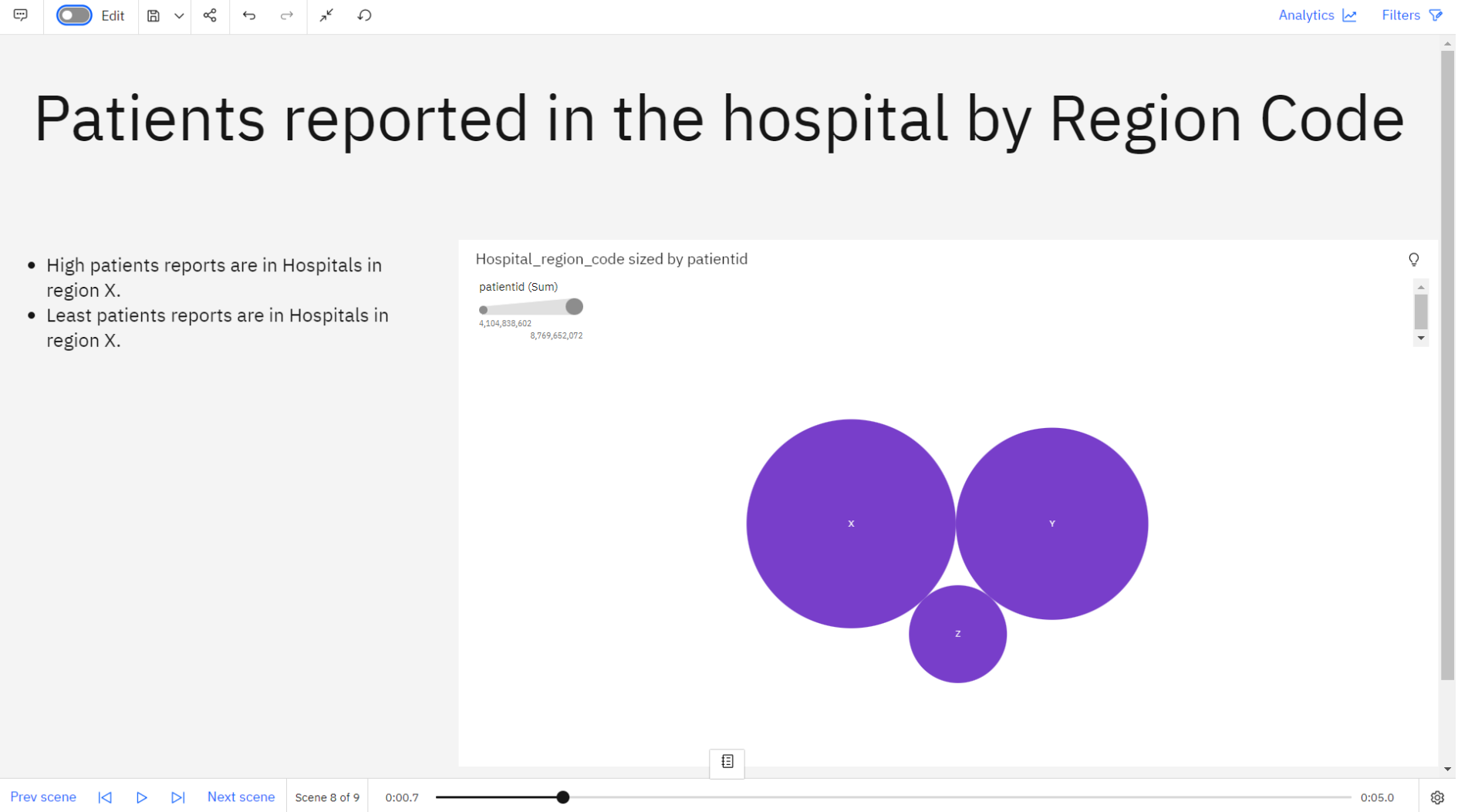
- **Visitors with patients depending on Hospital Type**

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.



- Patients reported in the hospital by region code



- **Admission Deposit by Department**

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Analytics Filters

Admission Deposit by Department

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

Admission_Deposit by Department

Department

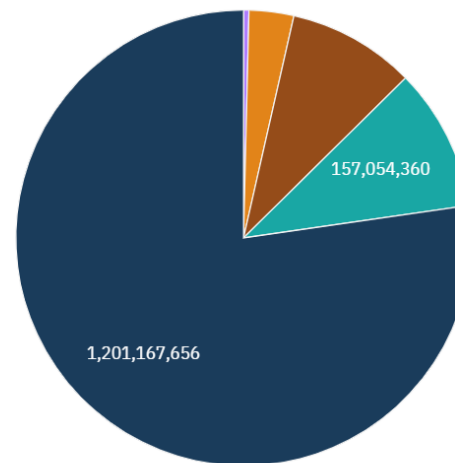
● surgery

● TB & Chest disease

● radiotherapy

● anesthesia

● gynecology



Prev scene



Next scene

Scene 9 of 9

0:00.6



0:05.0



Data Preparation Link:

[Story](#)

