Project Development Phase
Sprint - 4

Date	10 November 2022
Team ID	PNT2022TMID14777
Project Name	Project - 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

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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**
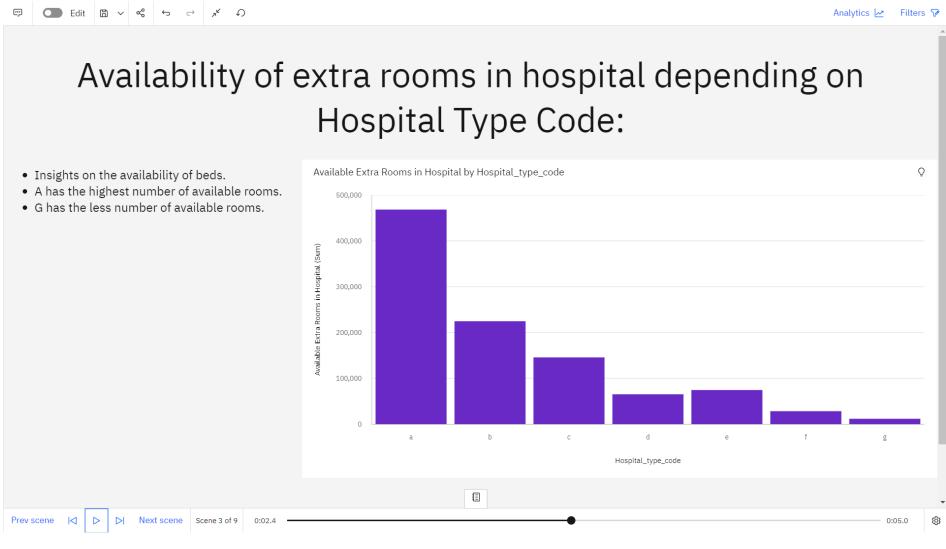
- **Admission Deposit by Department**

ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA

Story Generation

- **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**

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...

13,038,465   439,669,426

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

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

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

- **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