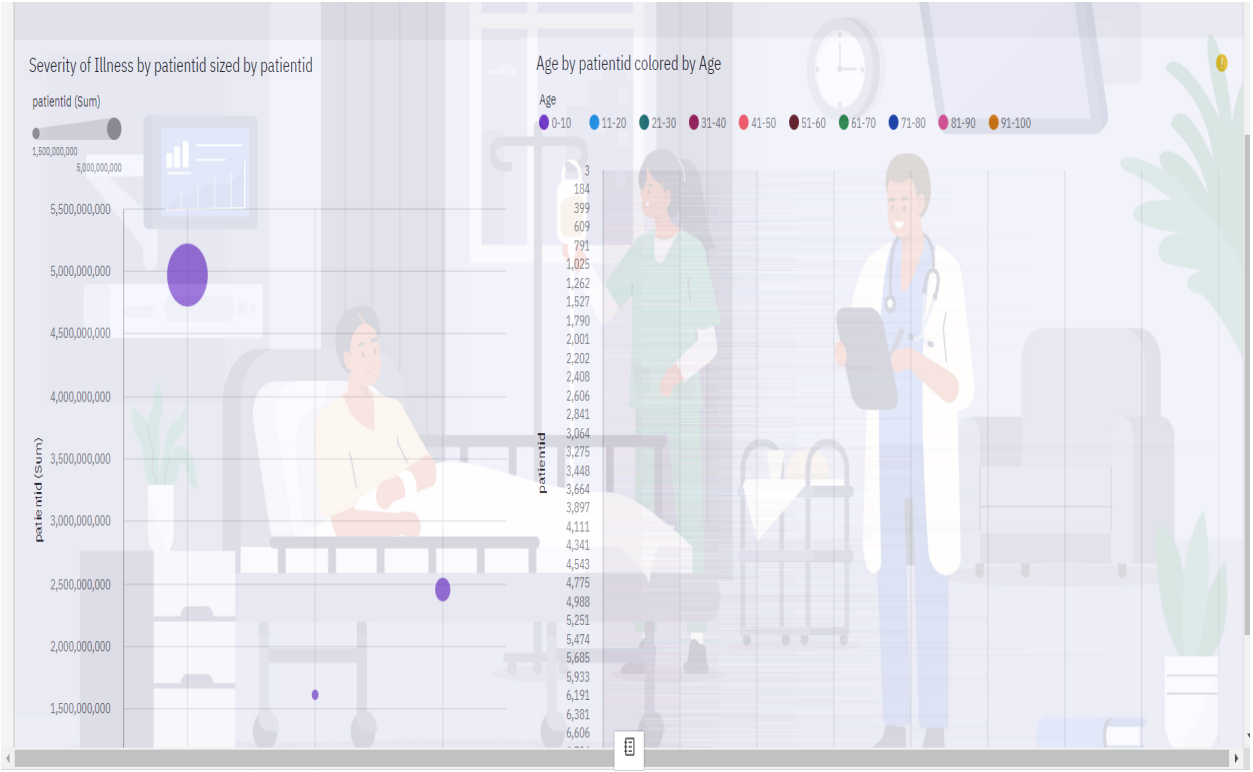
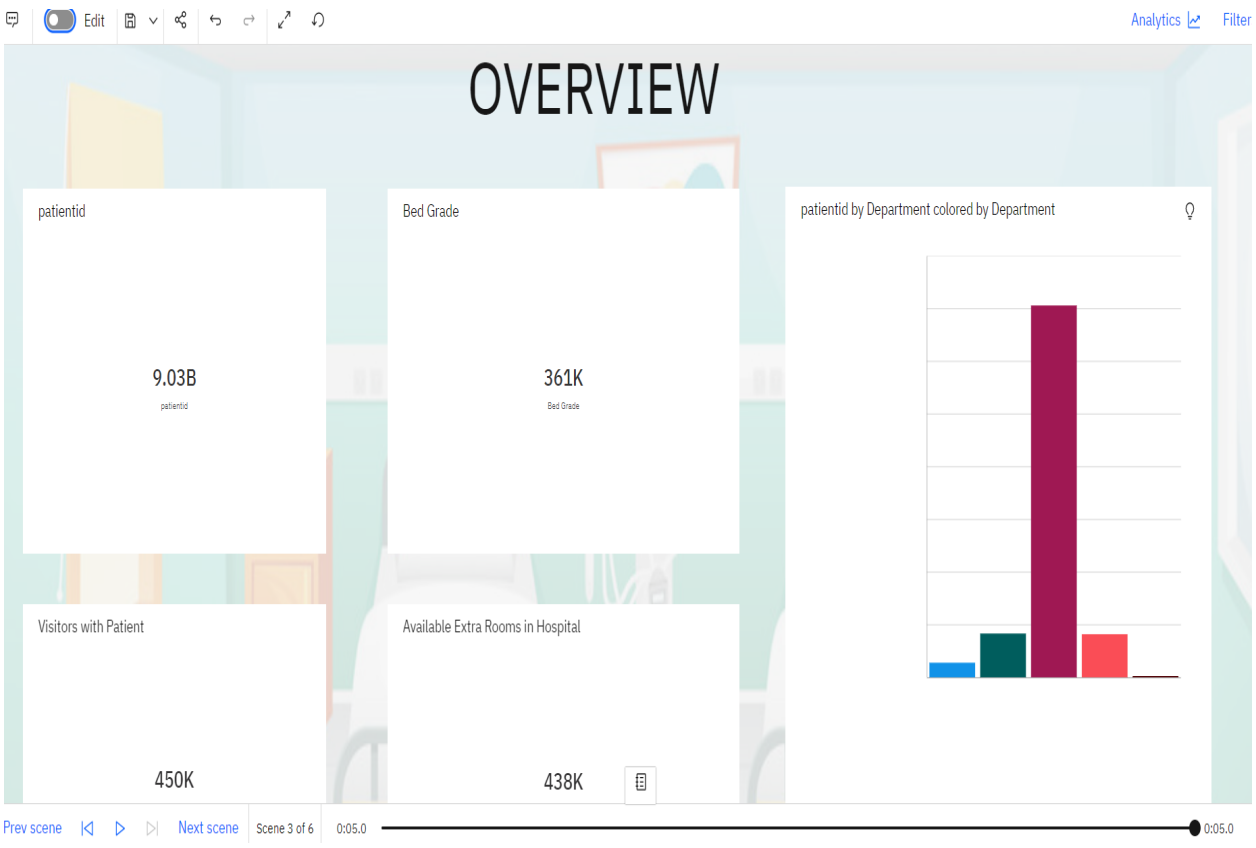
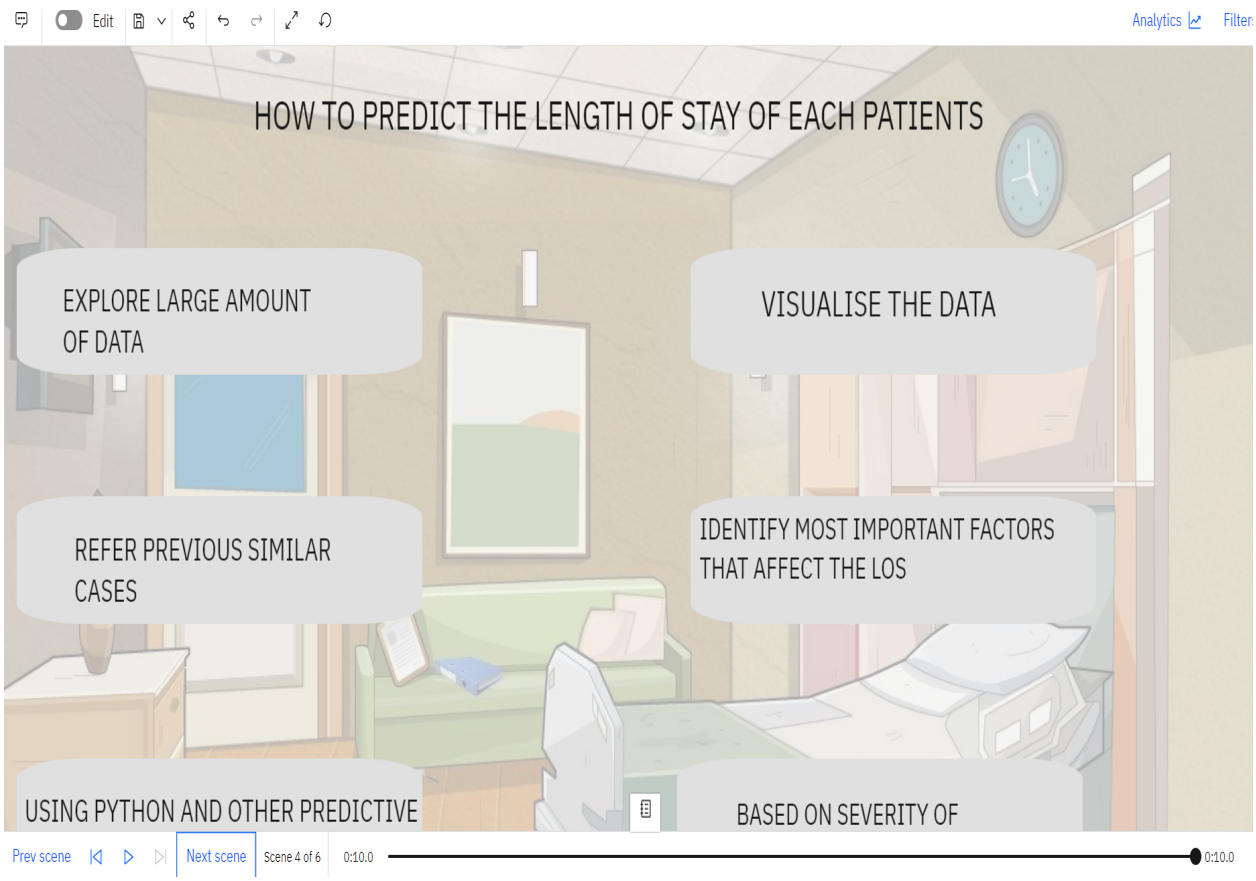
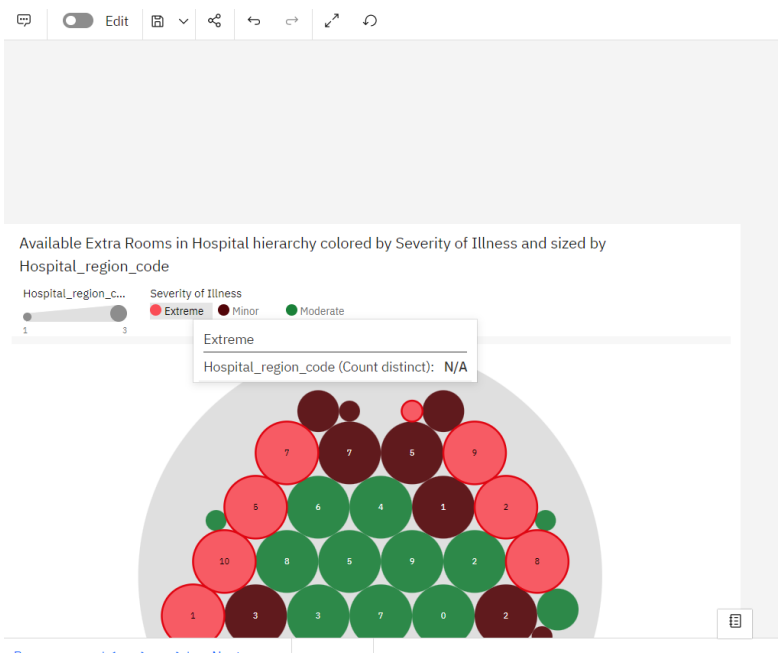
Sprint-III - STORY

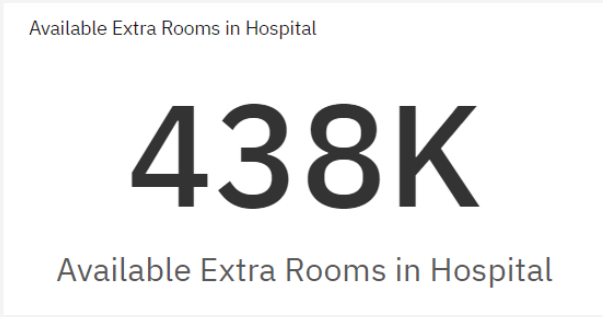
Team ID	PNT2022TMID27559
Project Name	Analytics for Hospitals' Healthcare Data


Severity of Illness by patientid sized by patientid
patientid (Sum)
1,500,000,000
5,000,000,000
5,500,000,000
5,000,000,000
4,500,000,000
4,000,000,000
3,500,000,000
3,000,000,000
2,500,000,000
2,000,000,000
1,500,000,000
patientid (Sum)
Age by patientid colored by Age
Age
0-10
11-20
21-30
31-40
41-50
51-60
61-70
71-80
81-90
91-100
patientid
3
184
399
609
791
1,025
1,262
1,527
1,790
2,001
2,202
2,408
2,606
2,841
3,064
3,275
3,448
3,664
3,897
4,111
4,341
4,543
4,775
4,988
5,251
5,474
5,685
5,933
6,191
6,381
6,606


Edit
Analytics
Filter
OVERVIEW
patientid
9.03B
patientid
Bed Grade
361K
Bed Grade
patientid by Department colored by Department
Visitors with Patient
450K
Available Extra Rooms in Hospital
438K
Prev scene
Next scene
Scene 3 of 6
0:05.0
0:05.0


Edit
Analytics
Filter
HOW TO PREDICT THE LENGTH OF STAY OF EACH PATIENTS
EXPLORE LARGE AMOUNT OF DATA
VISUALISE THE DATA
REFER PREVIOUS SIMILAR CASES
IDENTIFY MOST IMPORTANT FACTORS THAT AFFECT THE LOS
USING PYTHON AND OTHER PREDICTIVE
BASED ON SEVERITY OF
Prev scene
Next scene
Scene 4 of 6
0:10.0
0:10.0


Edit
Available Extra Rooms in Hospital hierarchy colored by Severity of Illness and sized by Hospital_region_code
Hospital_region_c...
1
3
Severity of Illness
Extreme
Minor
Moderate
Extreme
Hospital_region_code (Count distinct): N/A
7 7 5 9
5 6 4 1 2
10 8 5 9 2 8
1 3 3 7 0 2


Available Extra Rooms in Hospital
438K
Available Extra Rooms in Hospital

Analytics
Filters
case_id by Department
110,000
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
case_id (Count distinct)
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Department
0:05.0

Edit
Analytics
THANK YOU!
scene
Next scene
Scene 6 of 6
0:02.5
0:05.0