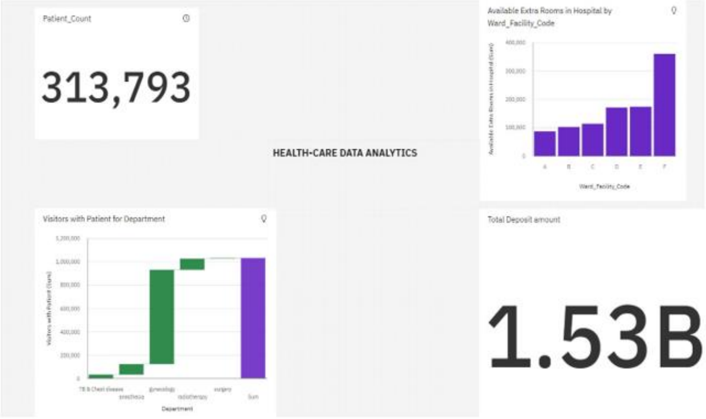
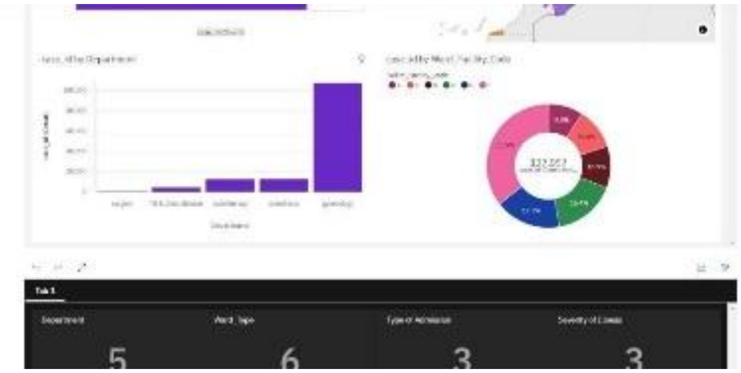
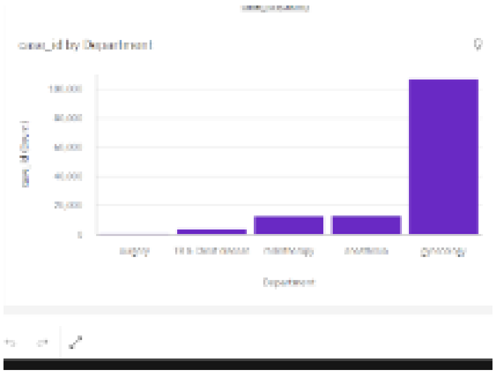
Project Development Phase

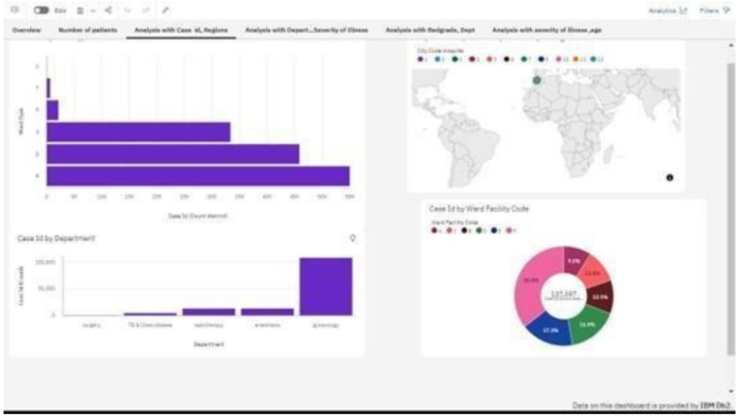
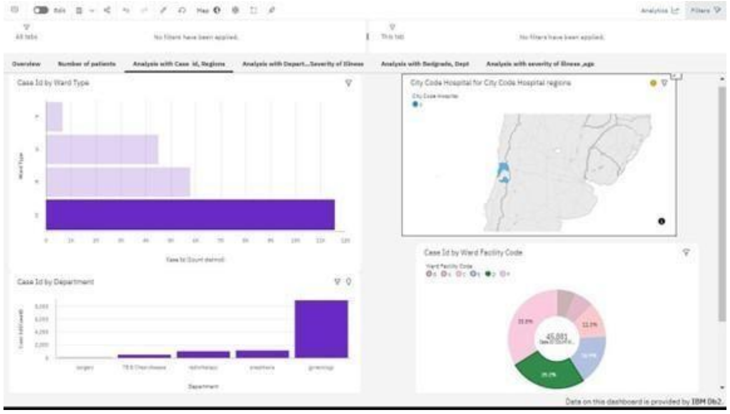
Model Performance Test

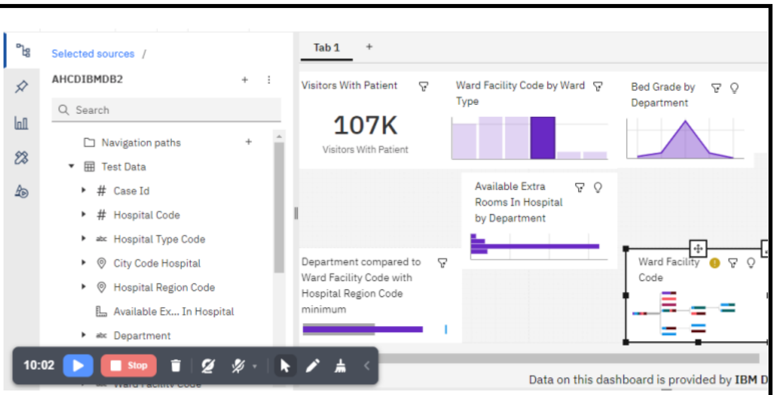
Team ID	PNT2022TMID35084
Project Name	Analytics for Hospitals Health-care Data

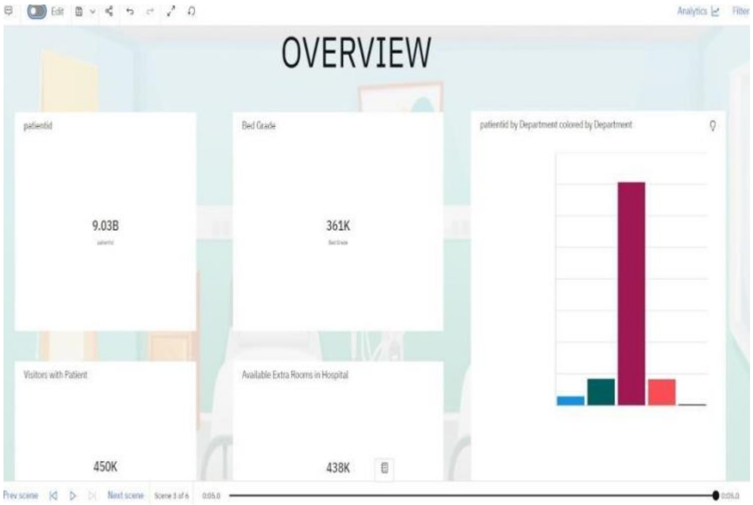
Model Performance Testing:

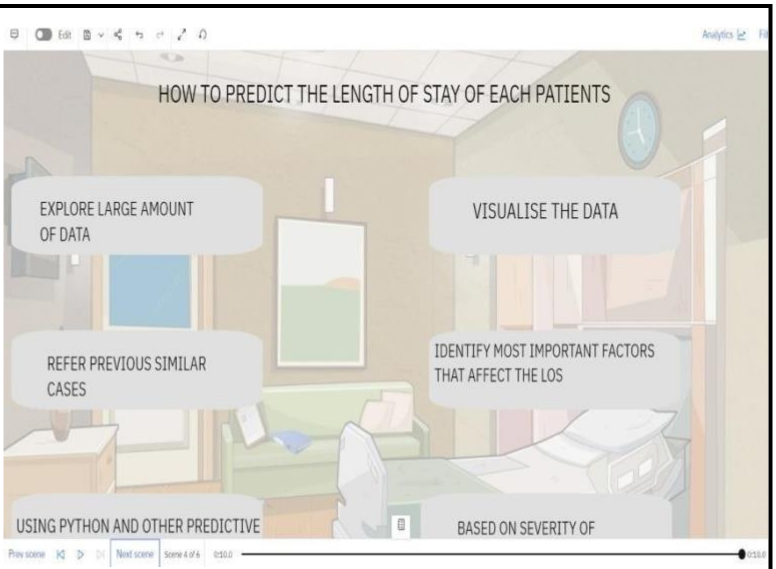
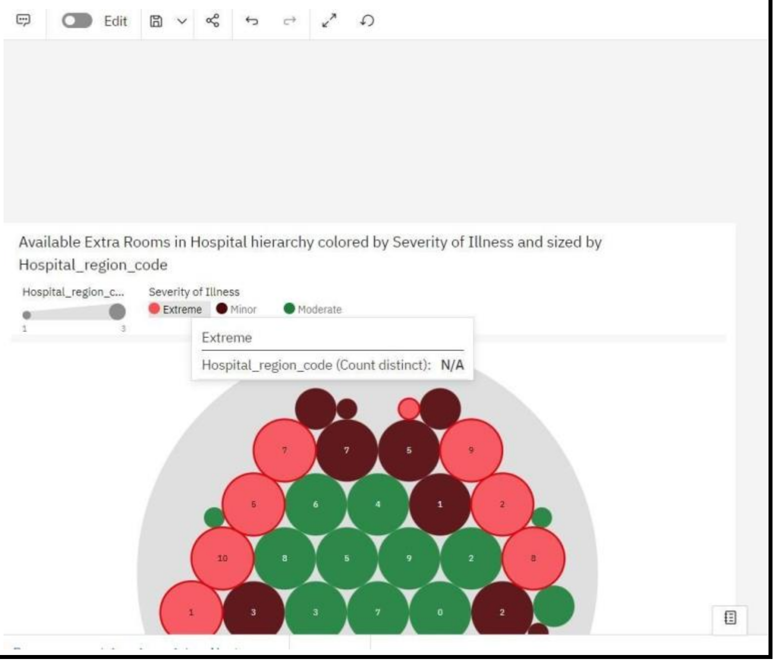
S.No.	Parameter	Screenshot / Values
1.	Dashboard design	No of Visualizations / Graphs - 35
2.	Data responsiveness	**DASHBOARD**  Patient_Count 313,793 HEALTH-CARE DATA ANALYTICS Available Extra Rooms in Hospital by Ward_Facility_Code 400,000 300,000 200,000 100,000 0 A B C D E F Ward_Facility_Code Visitors with Patient for Department 1,200,000 1,000,000 800,000 600,000 400,000 200,000 0 Visitors with Patient (Sum) TB & Chest disease anesthesia gynecology radiotherapy surgery Sum Department Total Deposit amount 1.53B

3.	Amount Data to Rendered (DB2 Metrics)	 case_id by Department Department Ward_Type Type of Admission Severity of Illness Tab 1 5 6 3 3 

4.	Utilization of Data Filters	Without applying any filter  With Filter 
5.	**Effective User Story**	**No of Scene Added - 12**


Selected sources /
AHCDIBMDB2
Search
Navigation paths
Test Data
Case Id
Hospital Code
Hospital Type Code
City Code Hospital
Hospital Region Code
Available Ex... In Hospital
Department
Tab 1
Visitors With Patient
107K
Visitors With Patient
Ward Facility Code by Ward Type
Bed Grade by Department
Available Extra Rooms In Hospital by Department
Department compared to Ward Facility Code with Hospital Region Code minimum
Ward Facility Code
10:02
Stop
Data on this dashboard is provided by IBM D


Edit
Analytics
Filter
OVERVIEW
patientid
9.03B
Bed Grade
361K
patientid by Department colored by Department
Visitors with Patient
450K
Available Extra Rooms in Hospital
438K
Prev scene
Next scene
Scene 1 of 6

		 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 Edit Analytics 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

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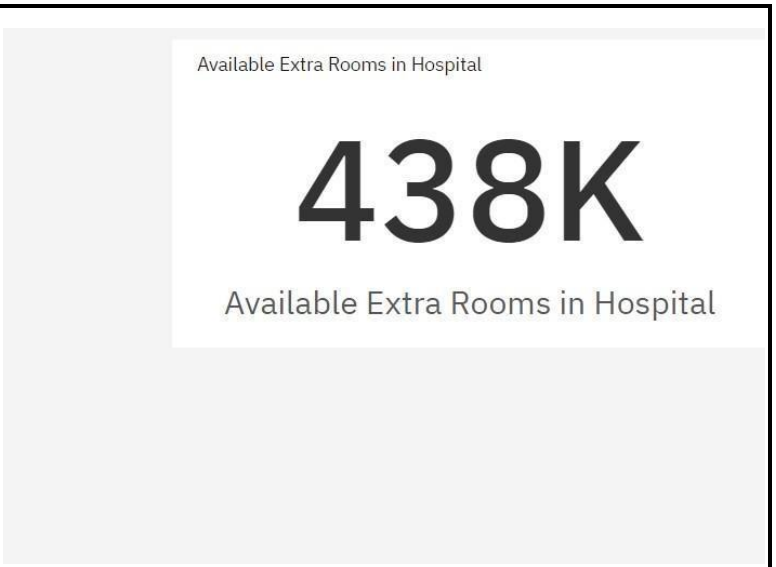
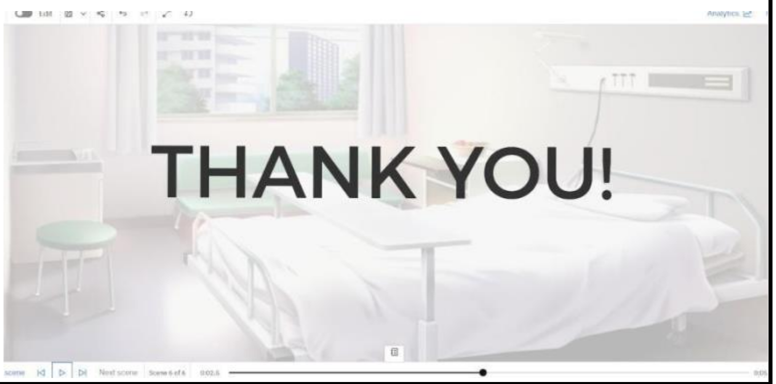

Available Extra Rooms in Hospital
438K
Available Extra Rooms in Hospital

THANK YOU!
Analytics
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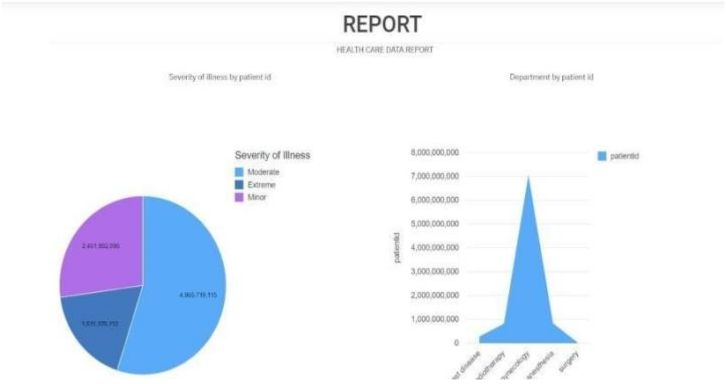
<td>6.</td>
<td>Descriptive Reports</td>
<td>
No of Visualizations / Graphs - 6
Pages - 3


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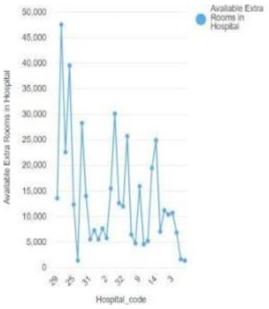
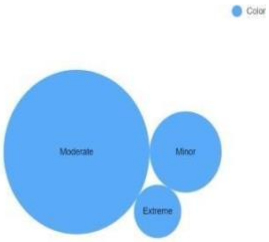
		50,000 45,000 40,000 35,000 30,000 25,000 20,000 15,000 10,000 5,000 0 Available Extra Rooms in Hospital 28 25 31 2 32 9 14 3 Hospital_code Available Extra Rooms in Hospital Color Moderate Minor Extreme