

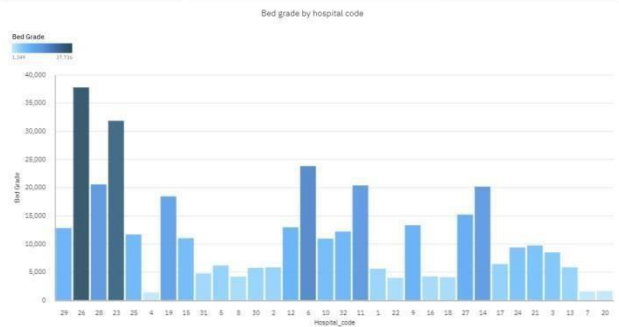
REPORT USING IBM COGNOS ANALYTICS

Team ID	PNT2022TMID21554
Project Name	ANALYSIS OF HOSPITAL'S HEALTH CARE DATA

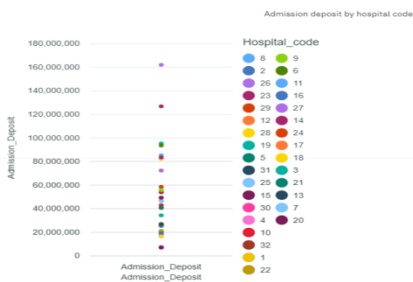
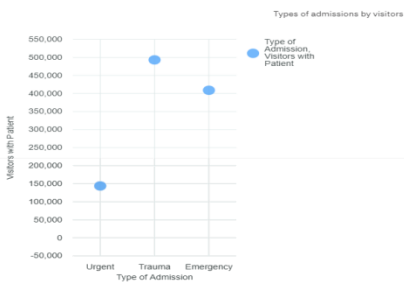
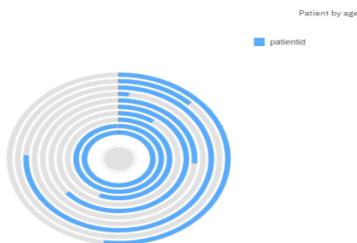
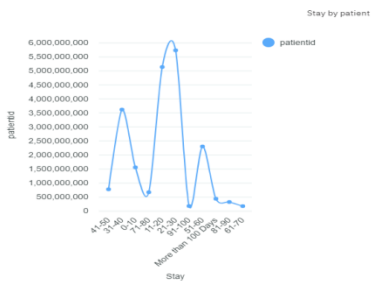
Visualization reports

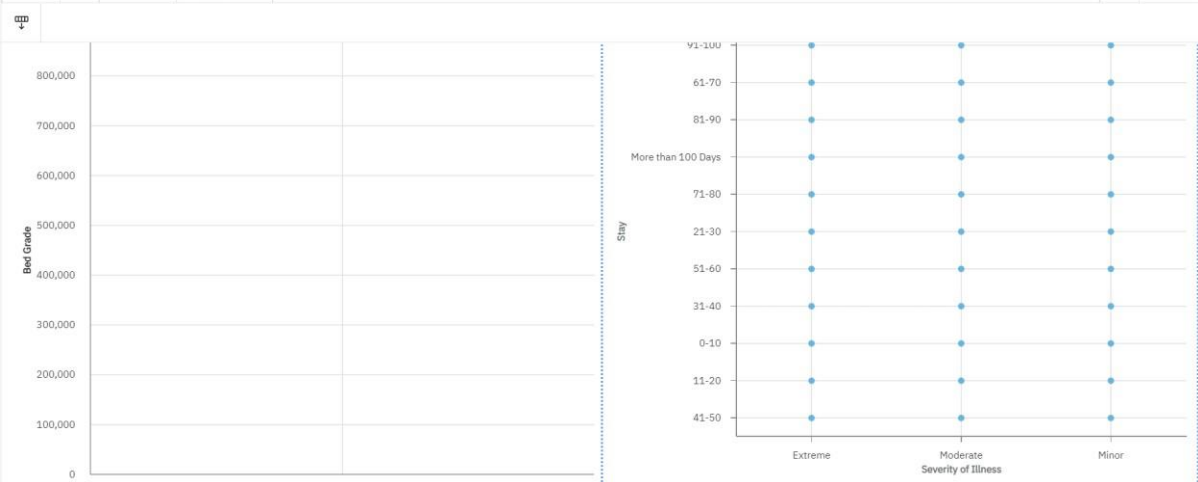
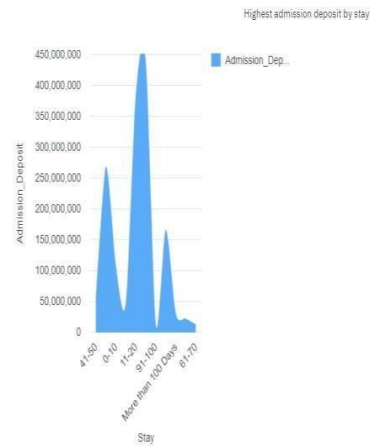
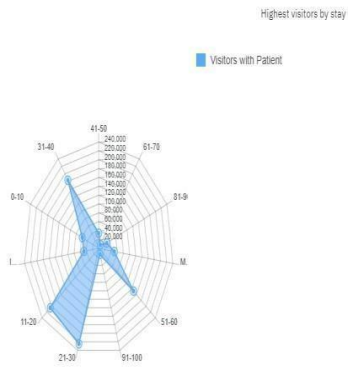


Total number of patients by type of admissions		Total number of patients by severity of illness	
Urgent	3,200,577,328	Urgent	3,200,577,328
Trauma	9,991,900,855	Trauma	9,991,900,855
Emergency	7,735,785,108	Emergency	7,735,785,108



Report





IBM Cognos Analytics with Watson

* New report

Search content

Edit

Insertable objects

Find

train_data.csv

Bed Grade (Group)

case_id

Hospital_code

Hospital_type_code

City_Code_Hospital

Hospital_region_code

Available Extra Room

Department

Ward_Type

Ward_Facility_Code

Bed Grade

patientid

Type of Admission

Severity of Illness

Visitors with Patient

Data item expression - Department

Name: Department

Available Components:

Sprint 1

train_data_dictionary.csv

train_data.csv

test_data.csv

sample_sub.csv

Navigation paths

Expression Definition:

[C].[C_Sprint_1].[train_data_csv].[Department]

Information:

Cancel OK

Design

Properties

Data item value

Department

itions

ROUND

IBM Cognos Analytics with Watson

New report

Search content

Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

Dismiss

More info

Filters

Department

TB & Chest disease

radiotherapy

anesthesia

gynecology

surgery

case_id

2

4

5

8

12

15

19

23

IBM Cognos Analytics with Watson

* New report

Search content

Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

Dismiss

More info

Filters

Health care data analysis

Column

Admission_Deposit

Bed Grade

City_Code_Hospital

City_Code_Patient

Ward_Facility_Code

Hospital_type_code

patientid

Department

Hospital_code

Hospital_region_code

Stay

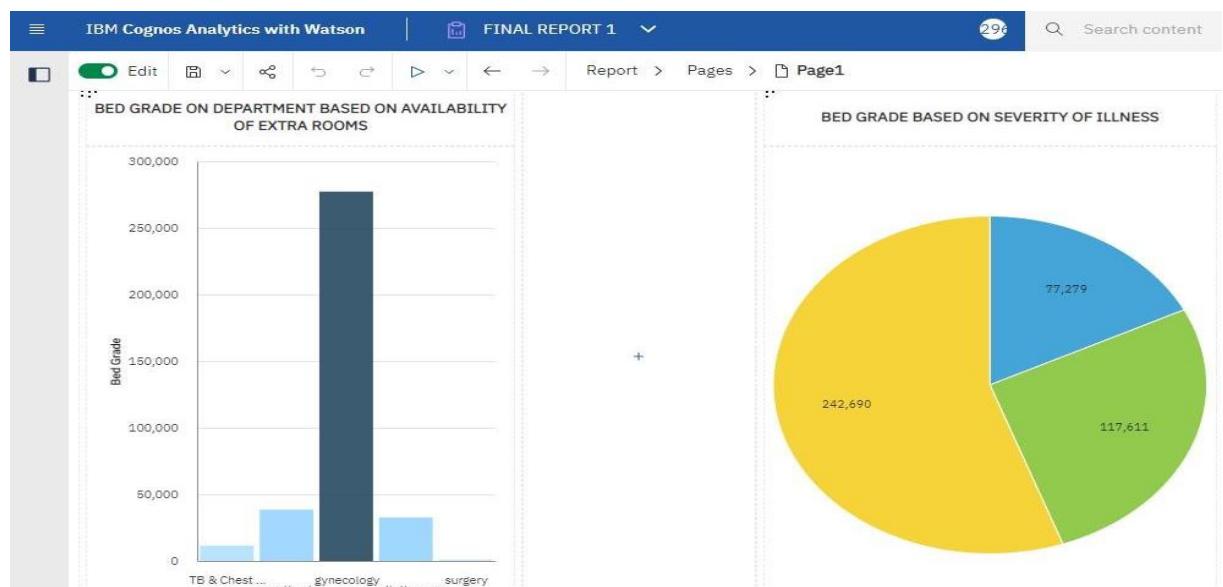
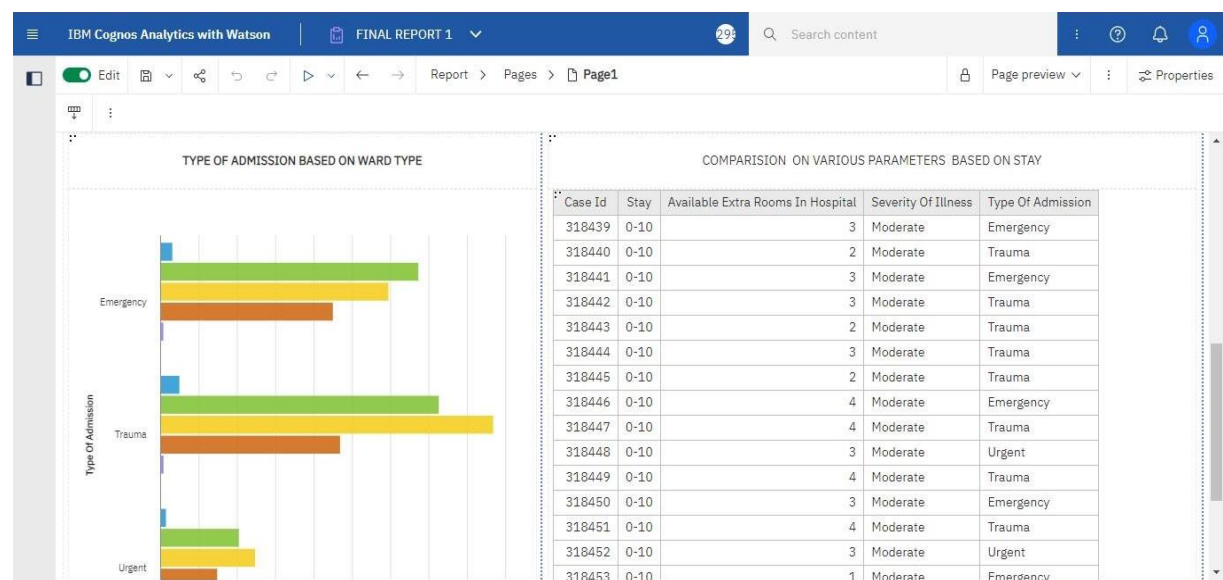
Type of Admission

Age

Maintenance: Scheduled maintenance completed. Click [More Info](#) for details and to subscribe to future events

Dismiss [More info](#)

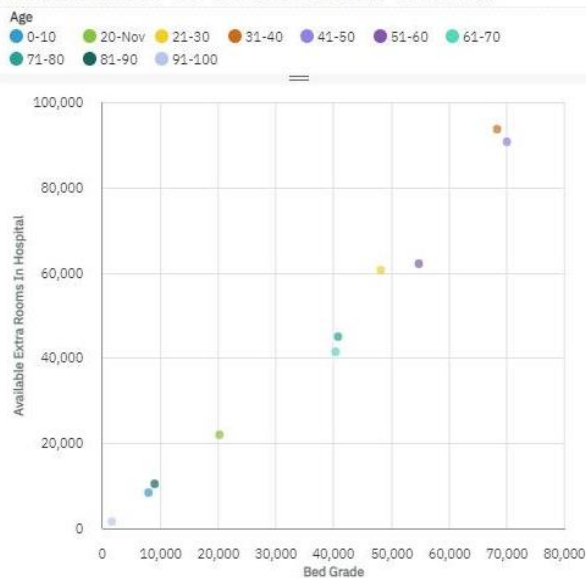
A world map showing the outlines of various countries. The map is centered on the Indian Ocean, which is labeled in a light blue font. Countries shown include Denmark, Germany, France, Italy, Greece, Tunisia, Libya, Egypt, Niger, Cameroon, Angola, Namibia, South Africa, Madagascar, Kenya, Tanzania, Ethiopia, Sudan, Yemen, Oman, Iraq, Iran, Turkey, Kazakhstan, Mongolia, China, Japan, Korea, Philippines, Malaysia, Indonesia, Papua New Guinea, Australia, and New Zealand. The map is in a light gray color scheme.



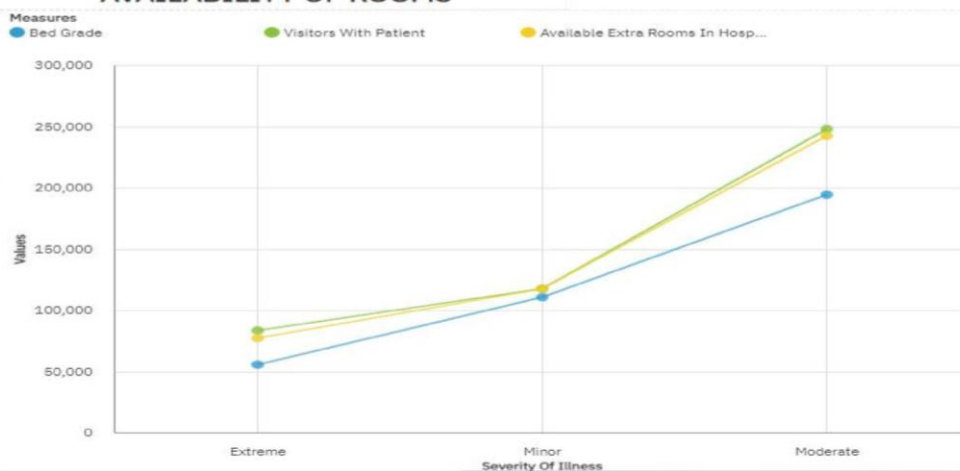
AVAILABILITY OF BEDS BASED ON REGION



AVAILABILITY OF ROOMS BASED ON STAY



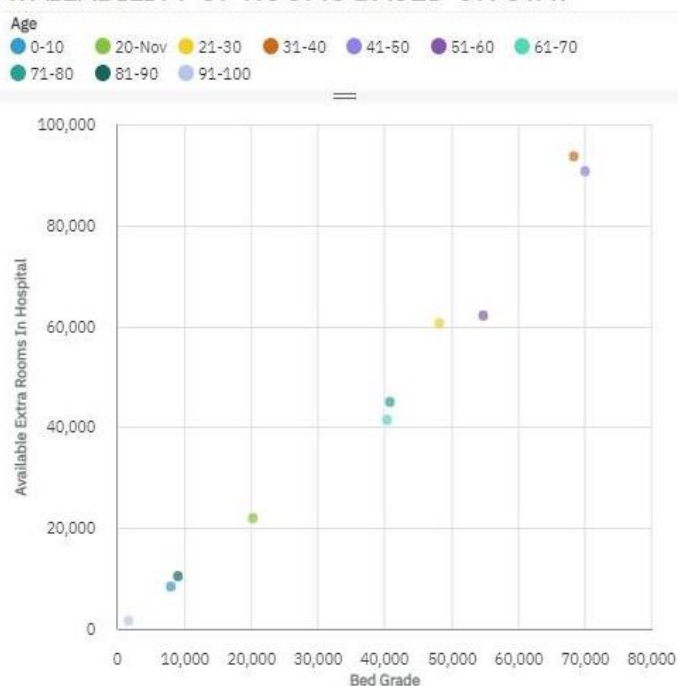
COMPARISON BETWEEN BED GRADE VISITORS WITH PATIENT AND AVAILABILITY OF ROOMS



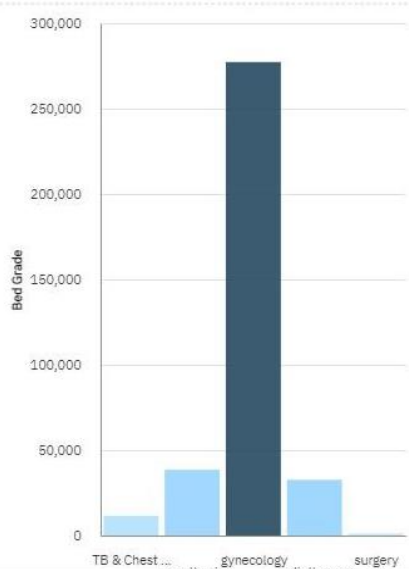
AVAILABILITY OF BEDS BASED ON REGION



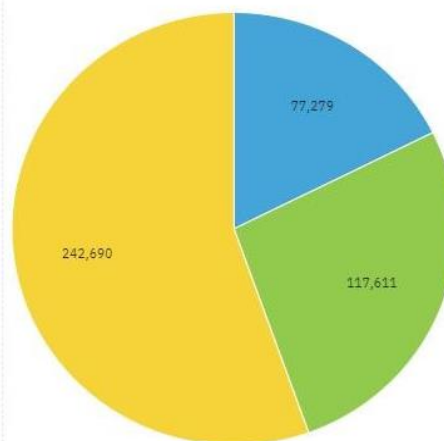
AVAILABILITY OF ROOMS BASED ON STAY



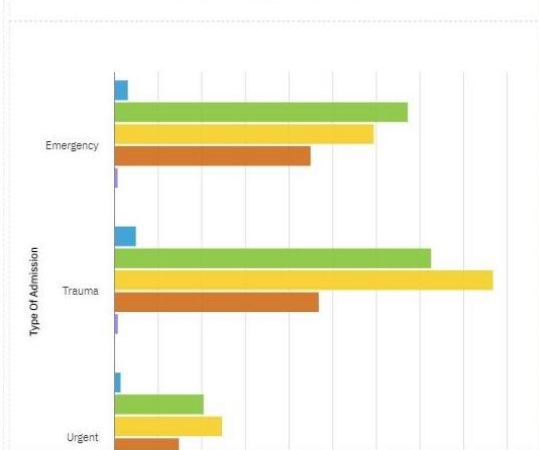
BED GRADE ON DEPARTMENT BASED ON AVAILABILITY OF EXTRA ROOMS



BED GRADE BASED ON SEVERITY OF ILLNESS



TYPE OF ADMISSION BASED ON WARD TYPE



Top Page up Page down Bottom

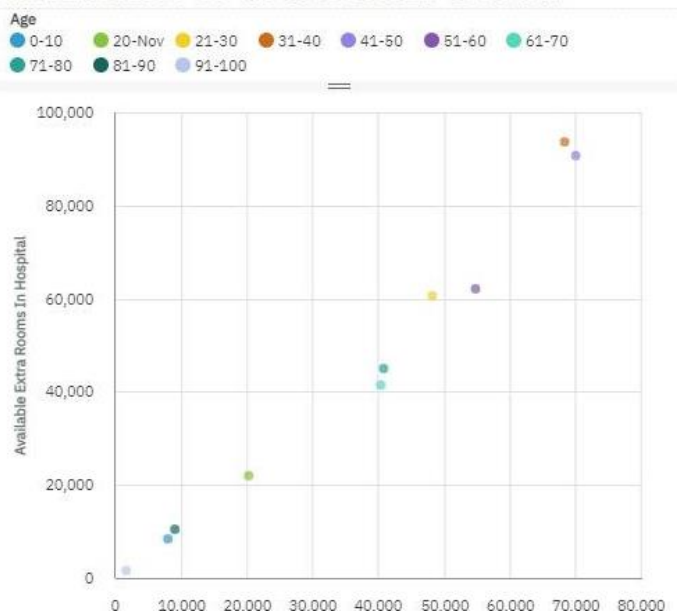
COMPARISON ON VARIOUS PARAMETERS BASED ON STAY

Case Id	Stay	Available Extra Rooms In Hospital	Severity Of Illness	Type Of Admission
318439	0-10	3	Moderate	Emergency
318440	0-10	2	Moderate	Trauma
318441	0-10	3	Moderate	Emergency
318442	0-10	3	Moderate	Trauma
318443	0-10	2	Moderate	Trauma
318444	0-10	3	Moderate	Trauma
318445	0-10	2	Moderate	Trauma
318446	0-10	4	Moderate	Emergency
318447	0-10	4	Moderate	Trauma
318448	0-10	3	Moderate	Urgent
318449	0-10	4	Moderate	Trauma
318450	0-10	3	Moderate	Emergency
318451	0-10	4	Moderate	Trauma
318452	0-10	3	Moderate	Urgent
318453	0-10	1	Moderate	Emergency

AVAILABILITY OF BEDS BASED ON REGION



AVAILABILITY OF ROOMS BASED ON STAY



COMPARISION BETWEEN BED GRADE VISITORS WITH PATIENT AND AVAILABILITY OF ROOMS

