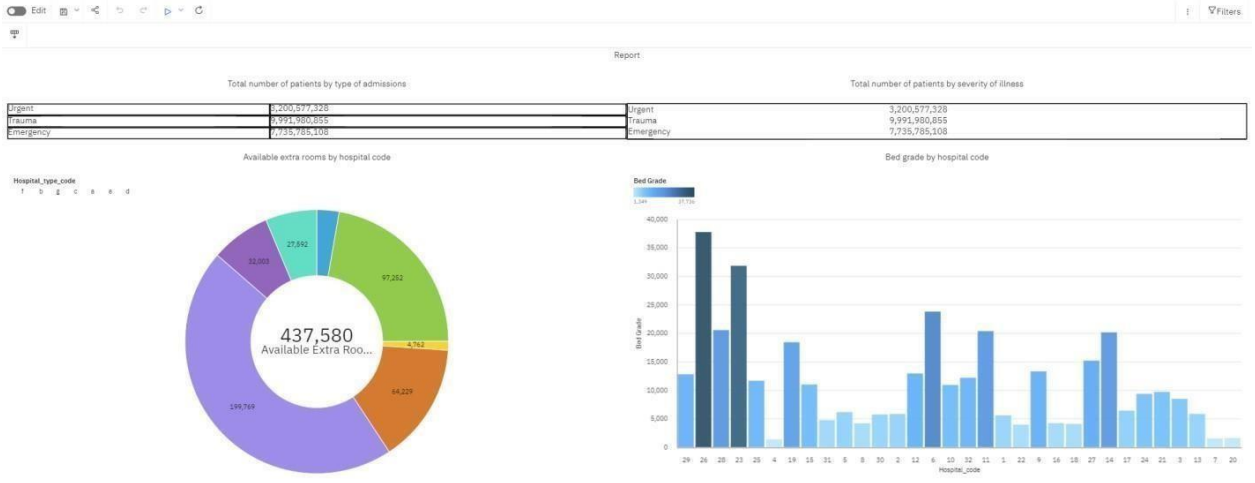
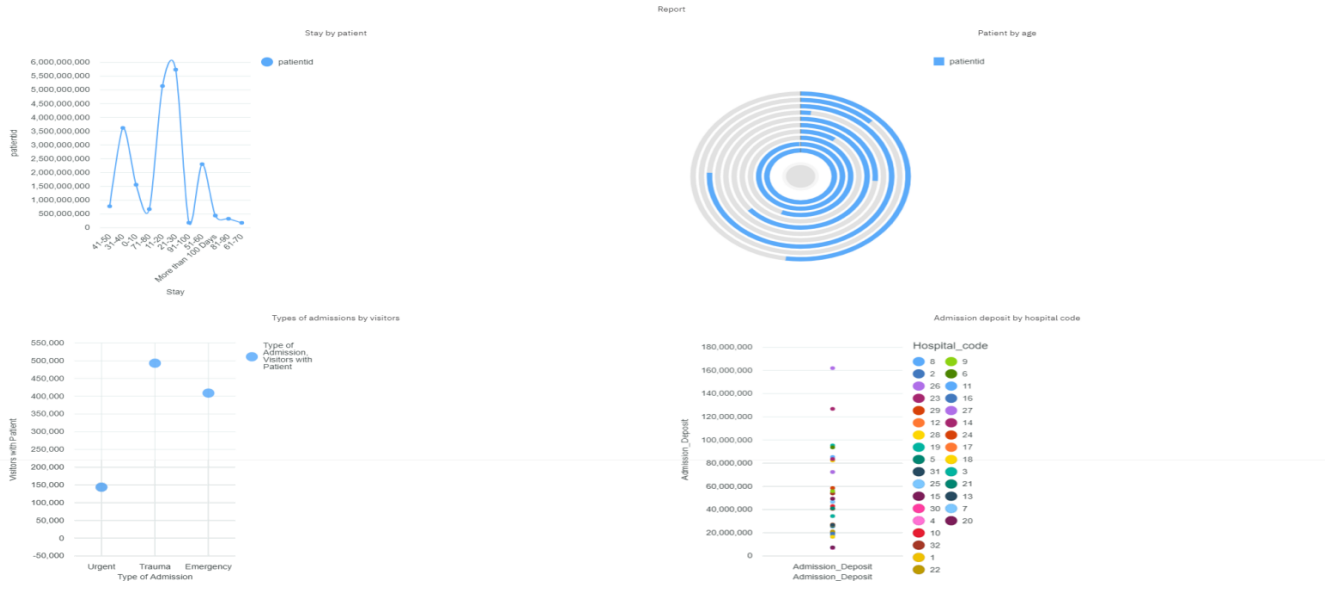
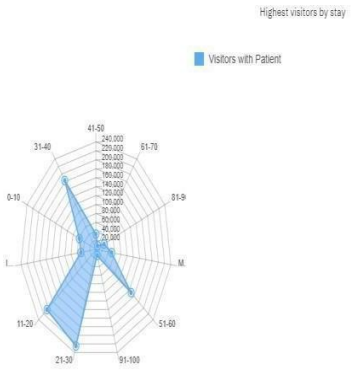
REPORT USING IBM COGNOS ANALYTICS

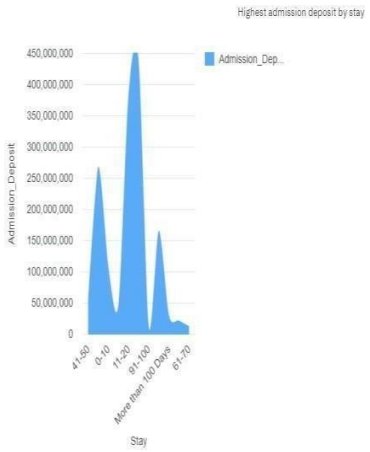
Team ID	**PNT2022TMID14193**
Project Name	**ANALYSIS OF HOSPITAL'S HEALTH CARE DATA**

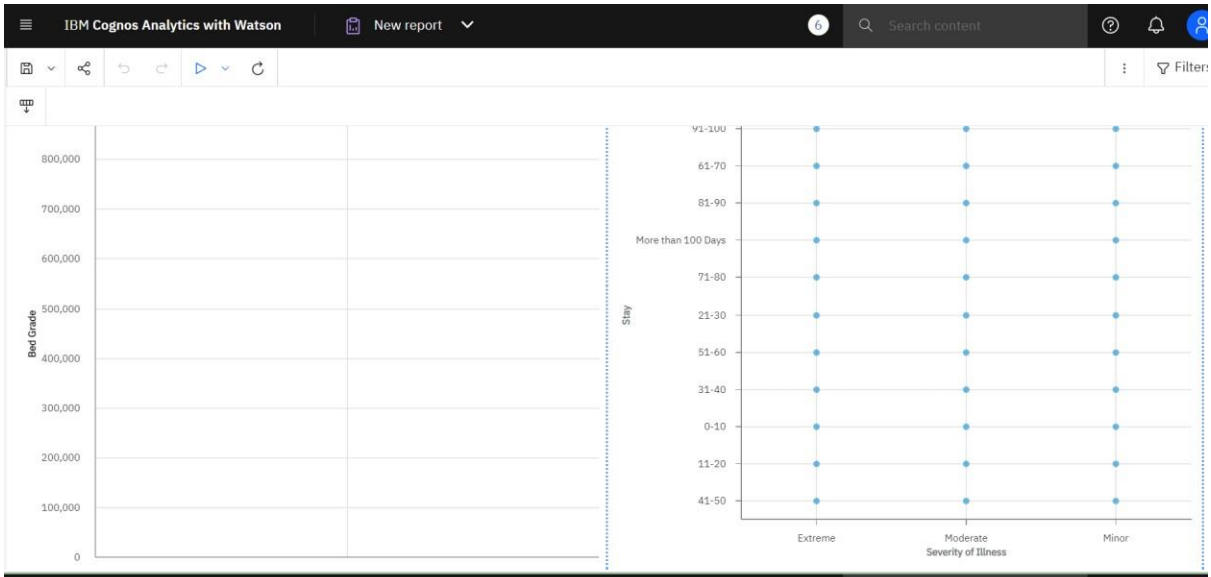
Visualization reports

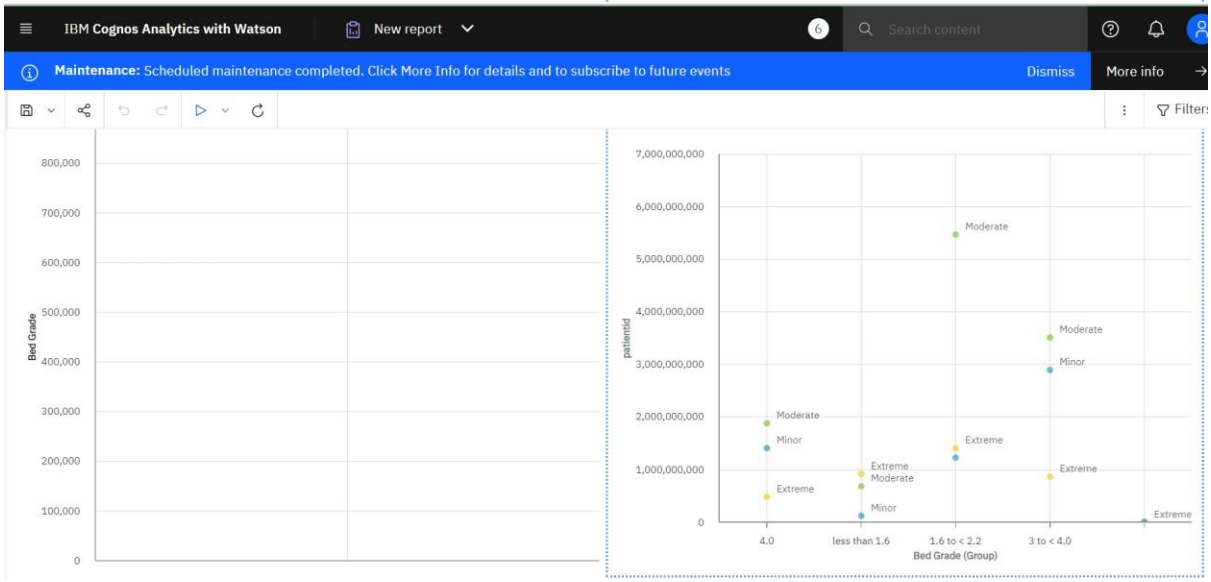


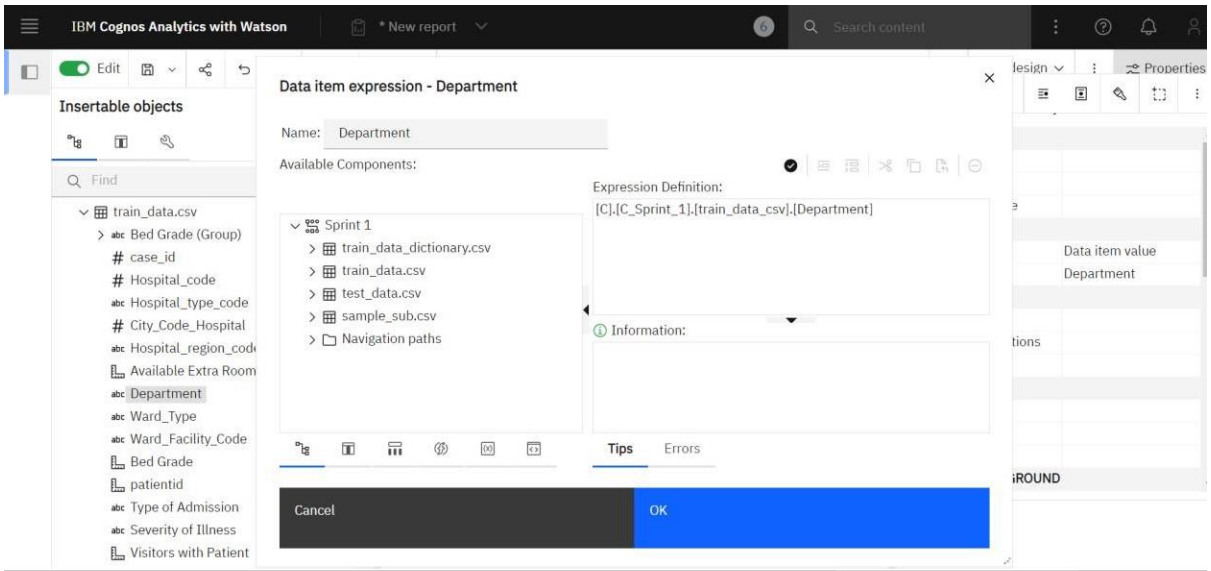


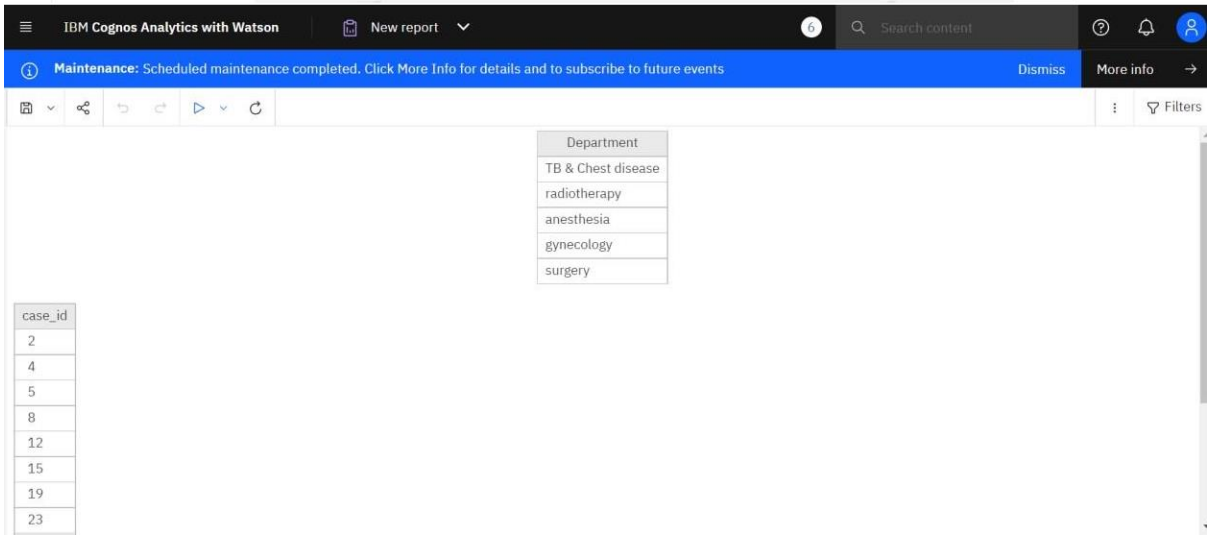

Highest visitors by stay
Visitors with Patient
41-50
51-60
91-100
21-30
11-20
0-10
31-40
61-70


Highest admission deposit by stay
Admission_Dep...
Admission_Deposit
450,000,000
400,000,000
350,000,000
300,000,000
250,000,000
200,000,000
150,000,000
100,000,000
50,000,000
0
41-50
0-10
11-20
91-100
More than 100 Days
61-70
Stay


IBM Cognos Analytics with Watson
New report
Search content
Filters
Bed Grade
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Stay
91-100
61-70
81-90
More than 100 Days
71-80
21-30
51-60
31-40
0-10
11-20
41-50
Extreme
Moderate
Minor
Severity of Illness

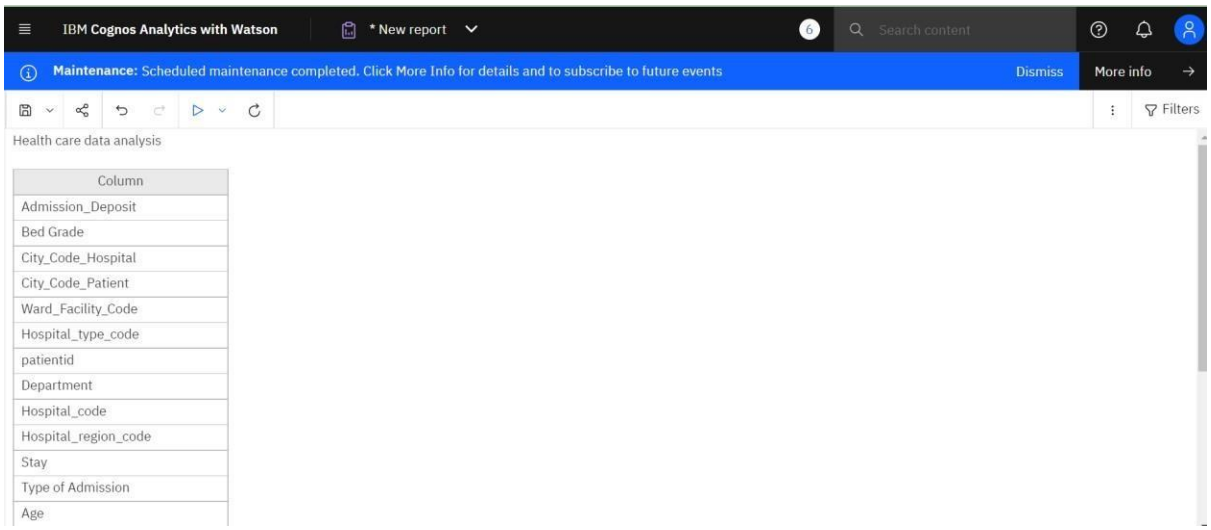

IBM Cognos Analytics with Watson
New report
Search content
Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events
Dismiss
More info
Filters
Bed Grade
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
patientId
7,000,000,000
6,000,000,000
5,000,000,000
4,000,000,000
3,000,000,000
2,000,000,000
1,000,000,000
0
Moderate
Moderate
Minor
Moderate
Minor
Extreme
Extreme
Extreme
Moderate
Extreme
Minor
Extreme
4.0
less than 1.6
1.6 to < 2.2
3 to < 4.0
Bed Grade (Group)





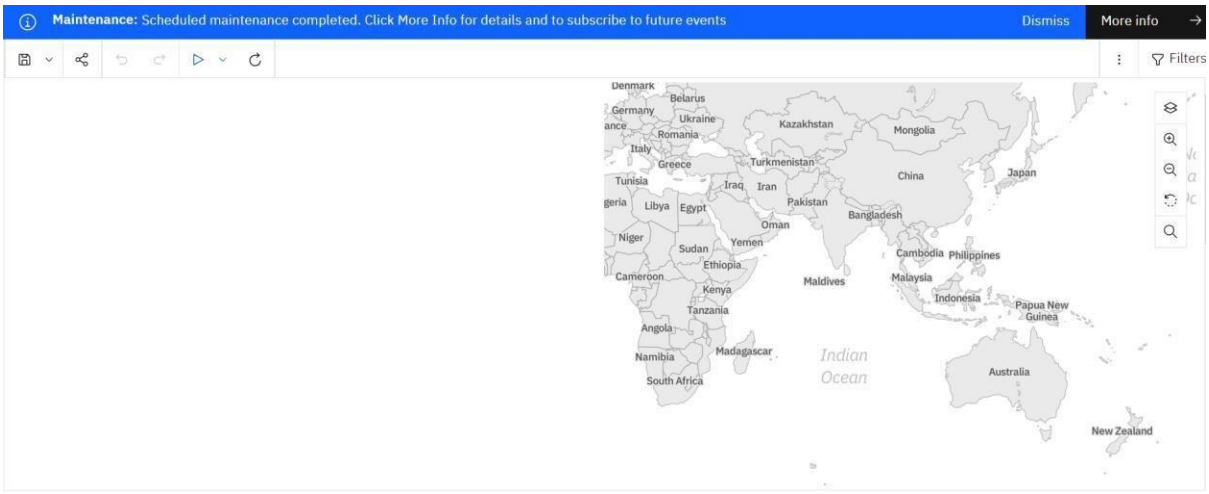
Department
TB & Chest disease
radiotherapy
anesthesia
gynecology
surgery

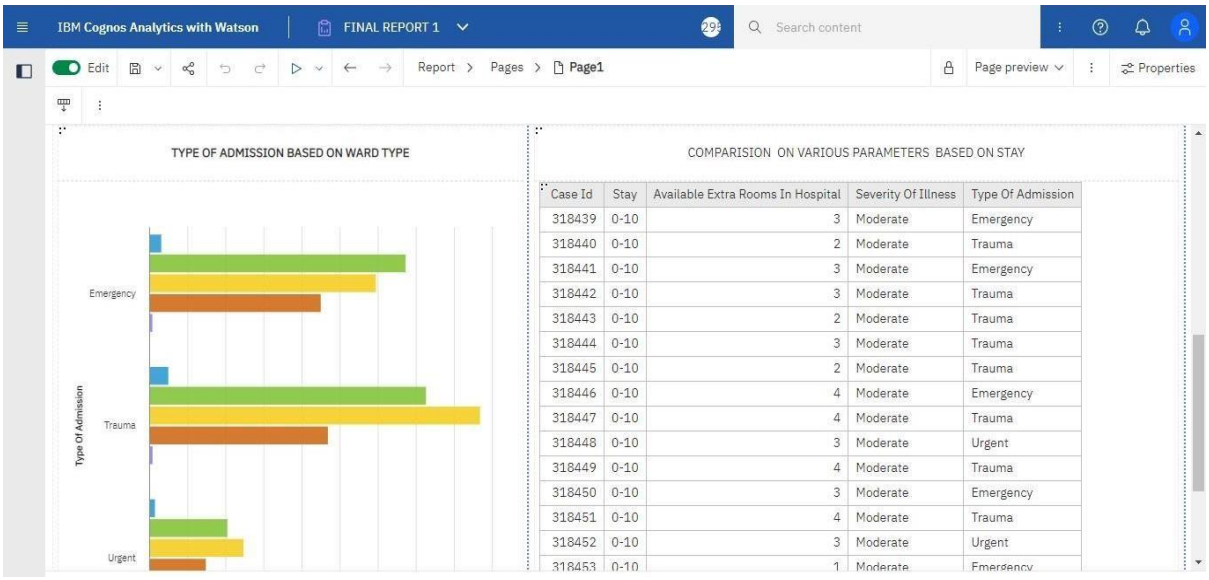
case_id
2
4
5
8
12
15
19
23



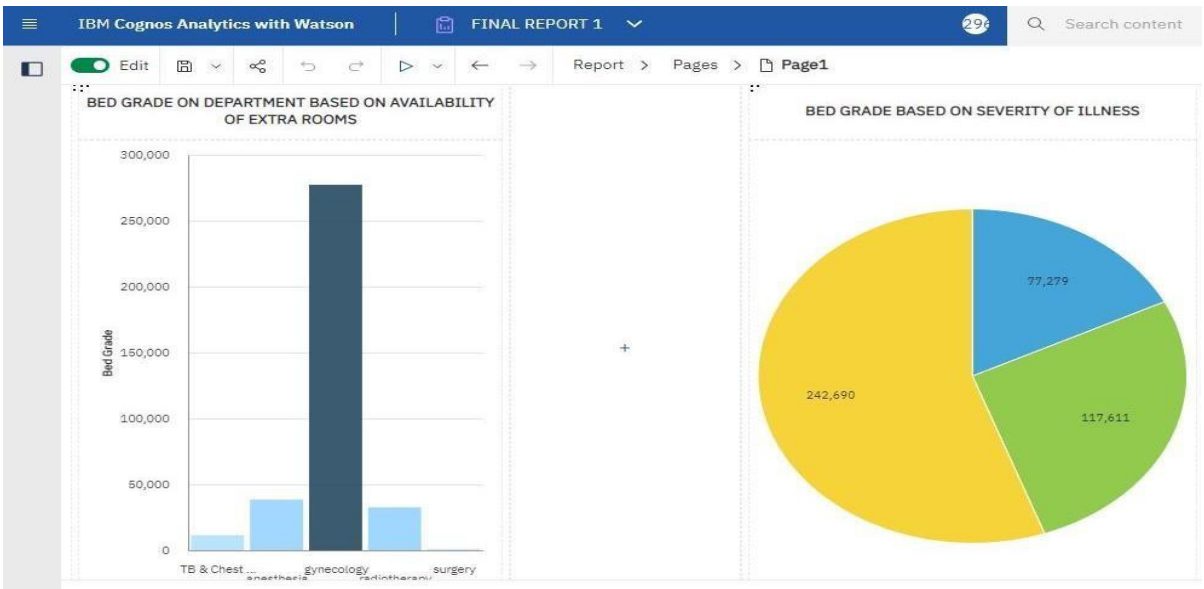
Column
Admission_Deposit
Bed Grade
City_Code_Hospital
City_Code_Patient
Ward_Facility_Code
Hospital_type_code
patientid
Department
Hospital_code
Hospital_region_code
Stay
Type of Admission
Age

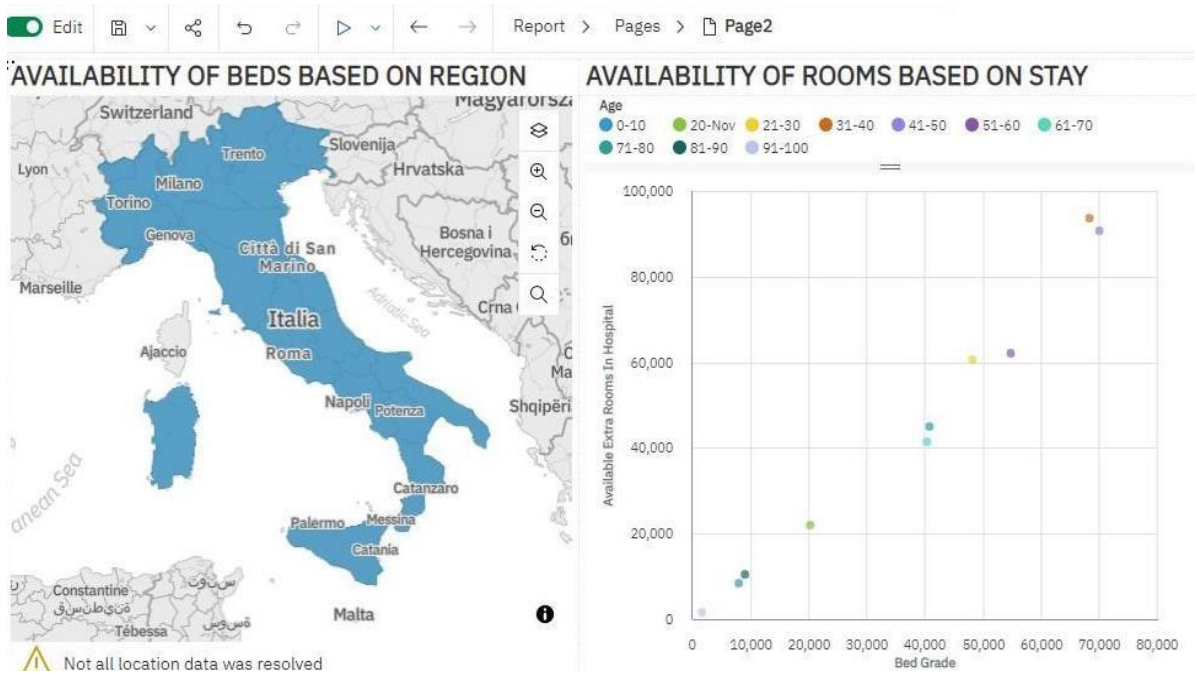
Report on city code hospital with hospital code



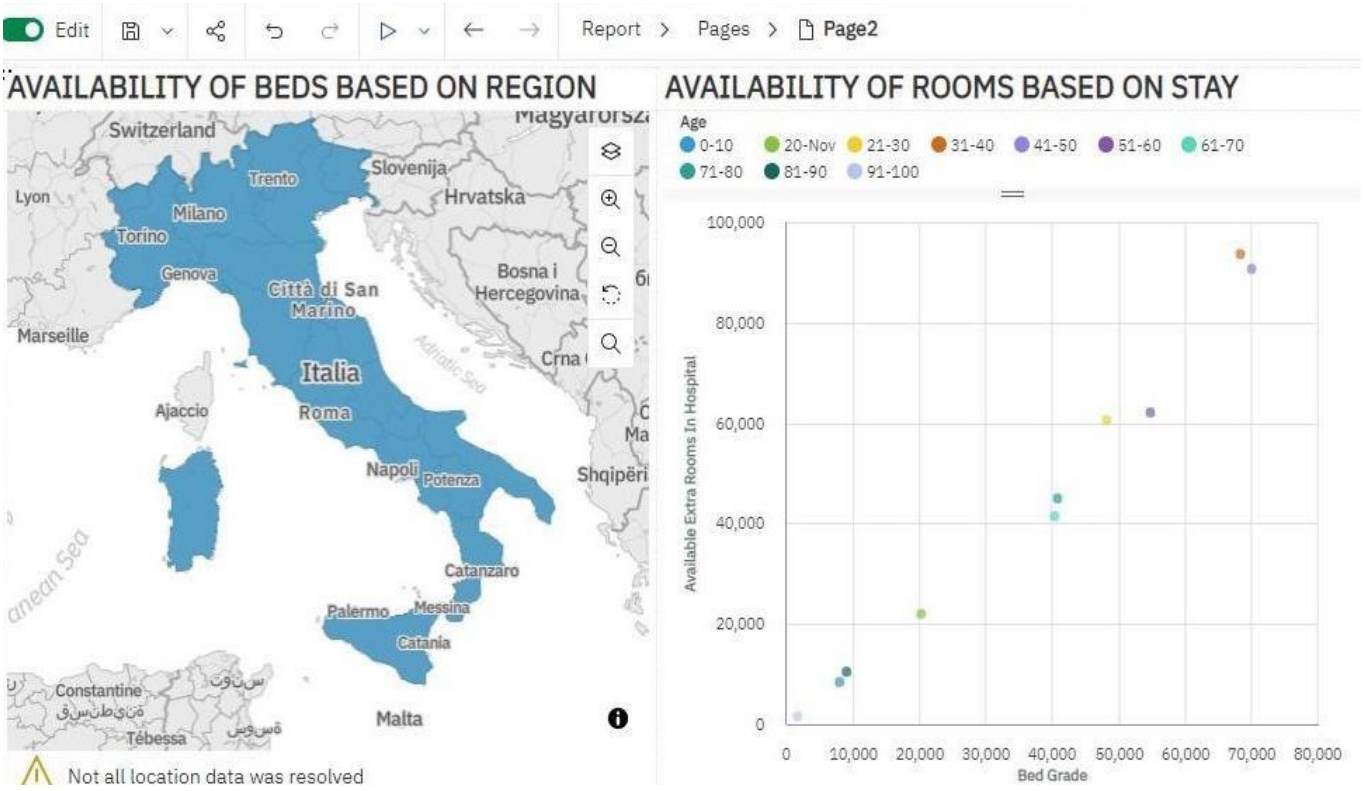


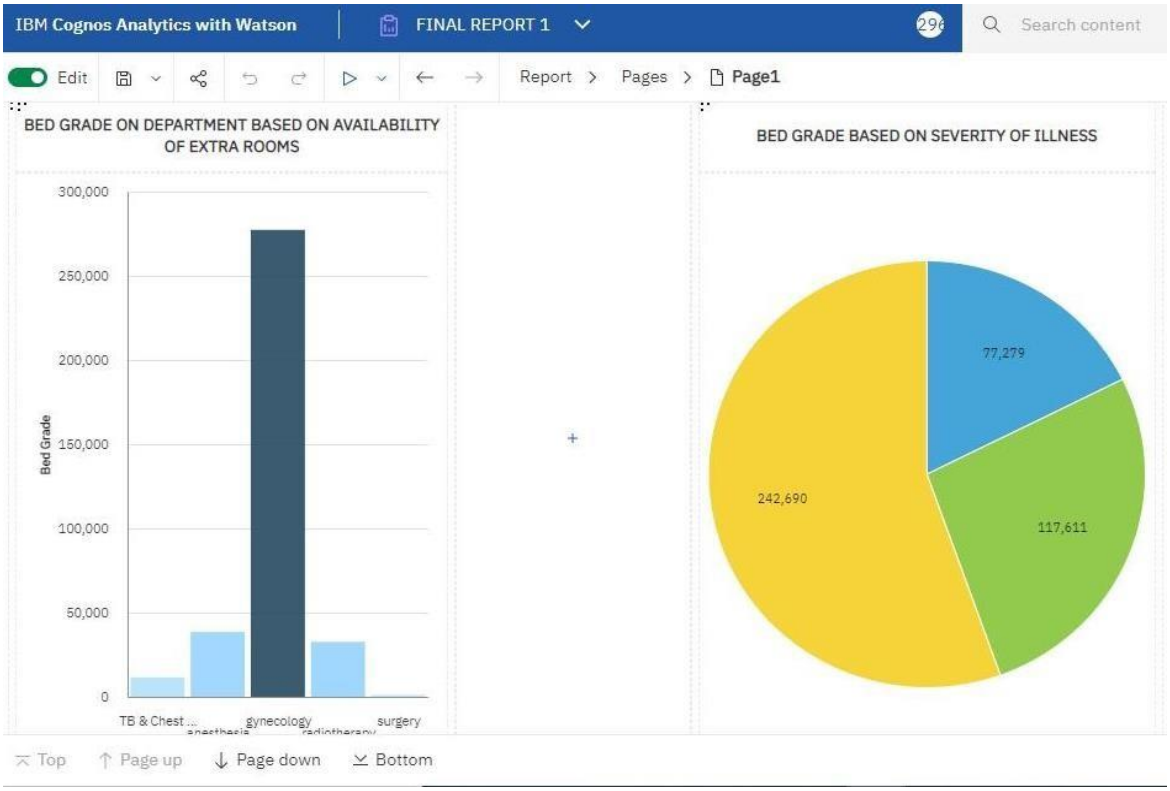
Case Id	Stay	Available Extra Rooms In Hospital	Severity Of Illness	Type Of Admission
318439	0-10	3	Moderate	Emergency
318440	0-10	2	Moderate	Trauma
318441	0-10	3	Moderate	Emergency
318442	0-10	3	Moderate	Trauma
318443	0-10	2	Moderate	Trauma
318444	0-10	3	Moderate	Trauma
318445	0-10	2	Moderate	Trauma
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

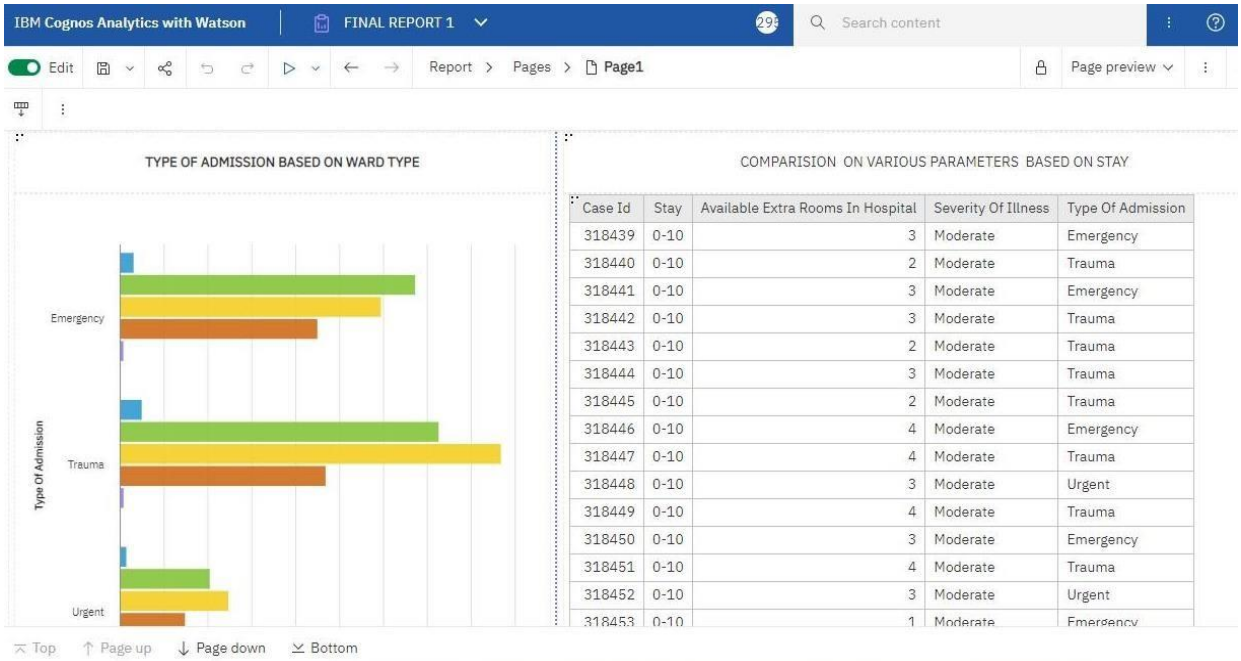



Edit
Report > Pages > Page2
AVAILABILITY OF BEDS BASED ON REGION
Switzerland
Slovenija
Trento
Lyon
Hrvatska
Milano
Torino
Genova
Bosna i Hercegovina
Città di San Marino
Marseille
Italia
Ajaccio
Roma
Napoli
Potenza
Shqipëri
Catanzaro
Palermo
Messina
Catania
Malta
Constantine
Tébessa
Not all location data was resolved
AVAILABILITY OF ROOMS BASED ON STAY
Age
0-10
20-Nov
21-30
31-40
41-50
51-60
61-70
71-80
81-90
91-100
Available Extra Rooms In Hospital
100,000
80,000
60,000
40,000
20,000
0
0
10,000
20,000
30,000
40,000
50,000
60,000
70,000
80,000
Bed Grade

Edit
Report > Pages > Page3
COMPARISION BETWEEN BED GRADE VISITORS WITH PATIENT AND AVAILABILITY OF ROOMS
Measures
Bed Grade
Visitors With Patient
Available Extra Rooms In Hosp...
300,000
250,000
200,000
150,000
100,000
50,000
0
Values
Extreme
Minor
Moderate
Severity Of Illness


Edit
Report > Pages > Page2
AVAILABILITY OF BEDS BASED ON REGION
Switzerland
Slovenija
Trento
Lyon
Hrvatska
Milano
Torino
Genova
Città di San Marino
Bosna i Hercegovina
Marseille
Italia
Roma
Ajaccio
Napoli
Potenza
Shqipëri
Catanzaro
Palermo
Messina
Catania
Malta
Constantine
Tébessa
Not all location data was resolved
AVAILABILITY OF ROOMS BASED ON STAY
Age
0-10
20-Nov
21-30
31-40
41-50
51-60
61-70
71-80
81-90
91-100
Available Extra Rooms In Hospital
100,000
80,000
60,000
40,000
20,000
0
0
10,000
20,000
30,000
40,000
50,000
60,000
70,000
80,000
Bed Grade


IBM Cognos Analytics with Watson
FINAL REPORT 1
Search content
Edit
Report > Pages > Page1
BED GRADE ON DEPARTMENT BASED ON AVAILABILITY OF EXTRA ROOMS
300,000
250,000
200,000
150,000
100,000
50,000
0
Bed Grade
TB & Chest ...
gynecology
surgery
BED GRADE BASED ON SEVERITY OF ILLNESS
77,279
242,690
117,611
Top
Page up
Page down
Bottom



COMPARISION 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
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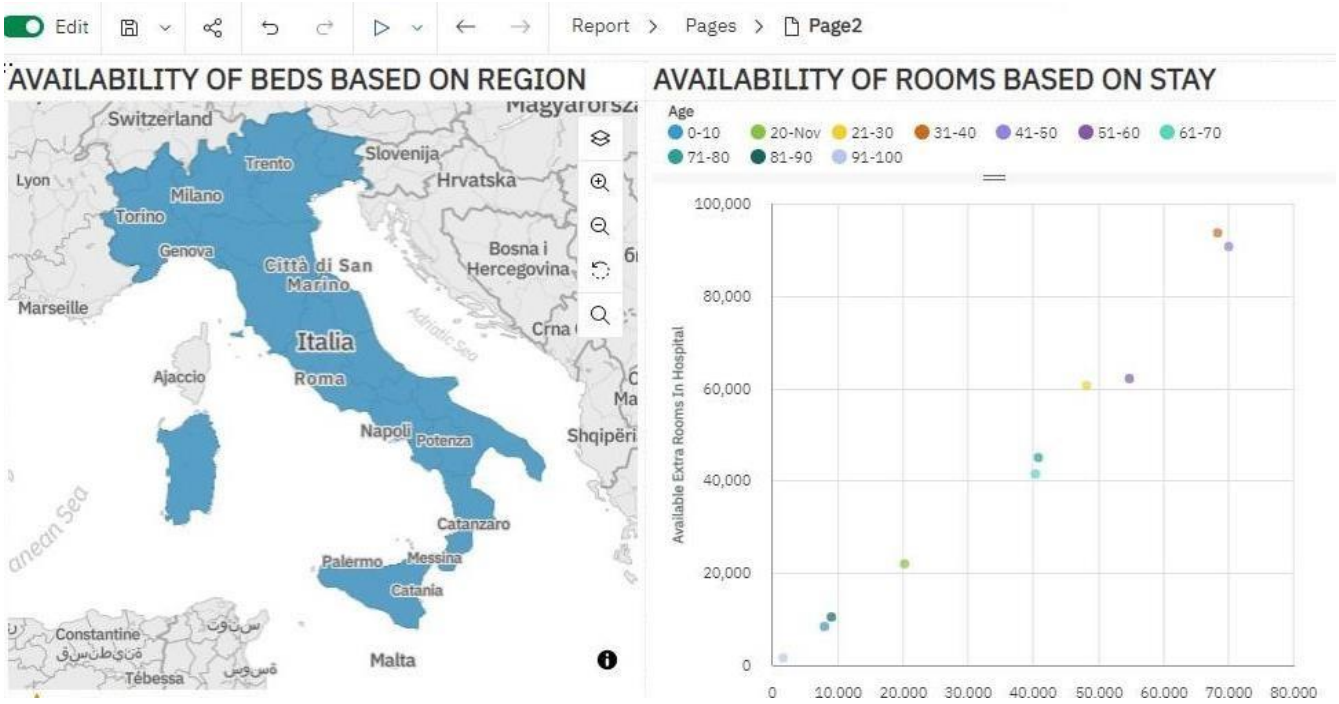
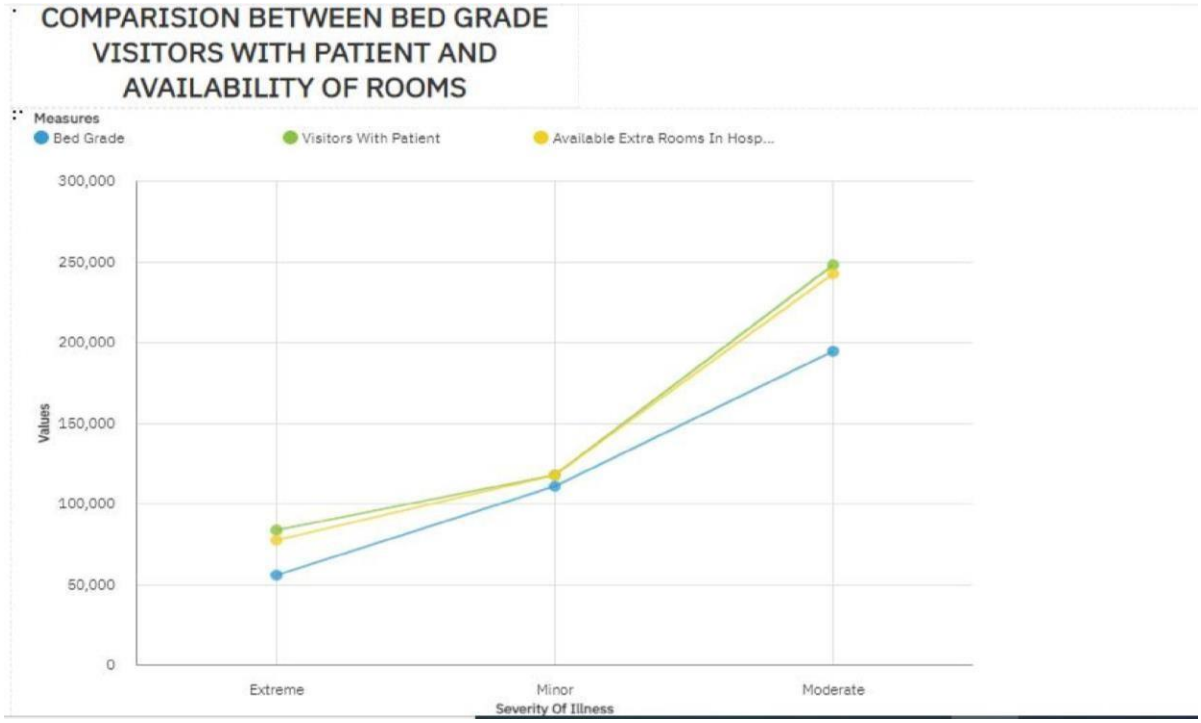
318446	0-10	4	Moderate	Emergency
318447	0-10	4	Moderate	Trauma
318448	0-10	3	Moderate	Urgent
318449	0-10	4	Moderate	Trauma
318450	0-10	3	Moderate	Emergency
318451	0-10	4	Moderate	Trauma
318452	0-10	3	Moderate	Urgent
318453	0-10	1	Moderate	Emergency




COMPARISION BETWEEN BED GRADE VISITORS WITH PATIENT AND AVAILABILITY OF ROOMS
Measures
Bed Grade
Visitors With Patient
Available Extra Rooms In Hosp...
300,000
250,000
200,000
150,000
100,000
50,000
0
Values
Extreme
Minor
Moderate
Severity Of Illness