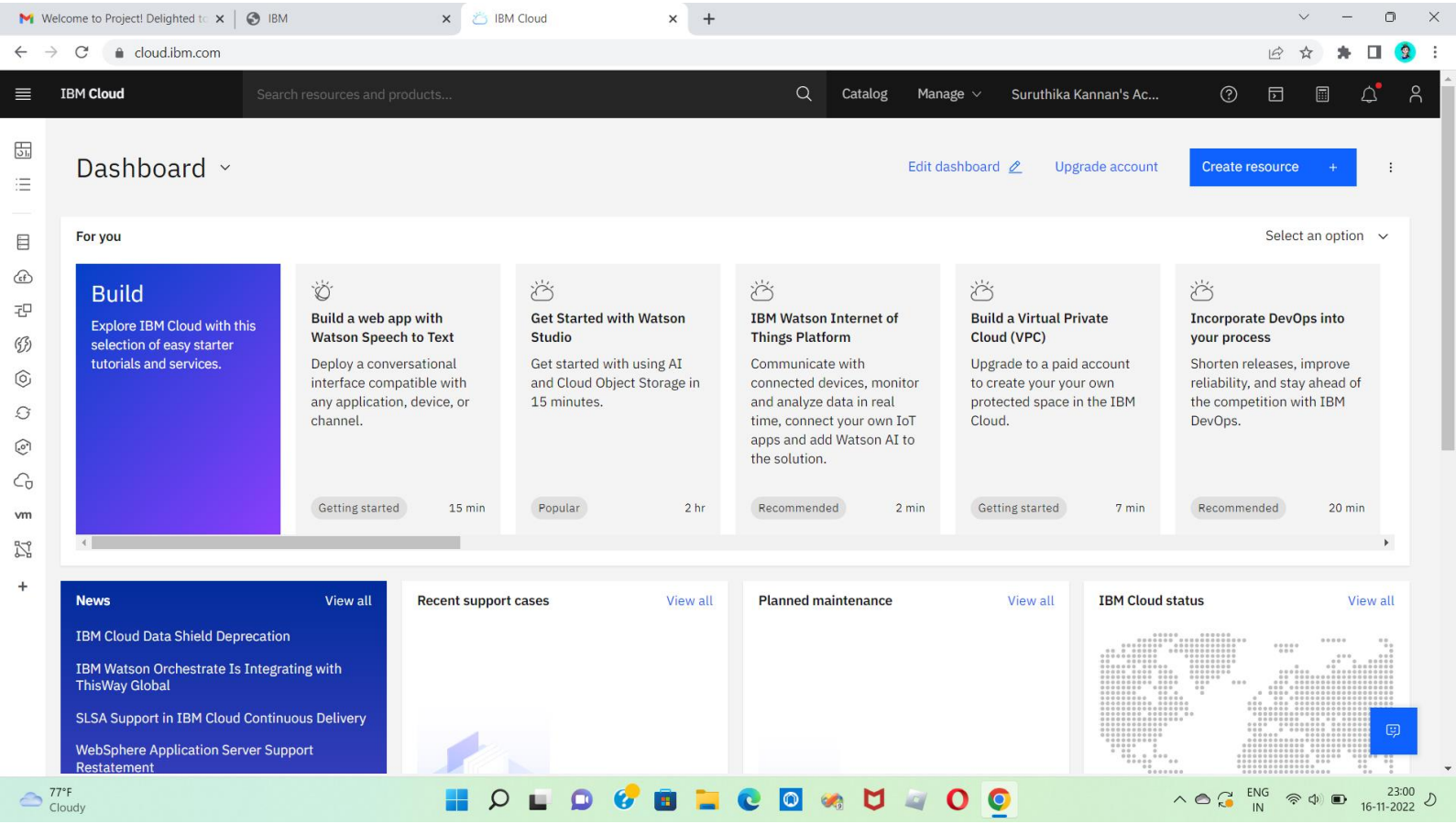
SPRINT DELIVERABLES-4

TEAM ID	PNT2022TMID34052
PROJECT	Analytics for Hospitals and Health care Data

Project pathway:



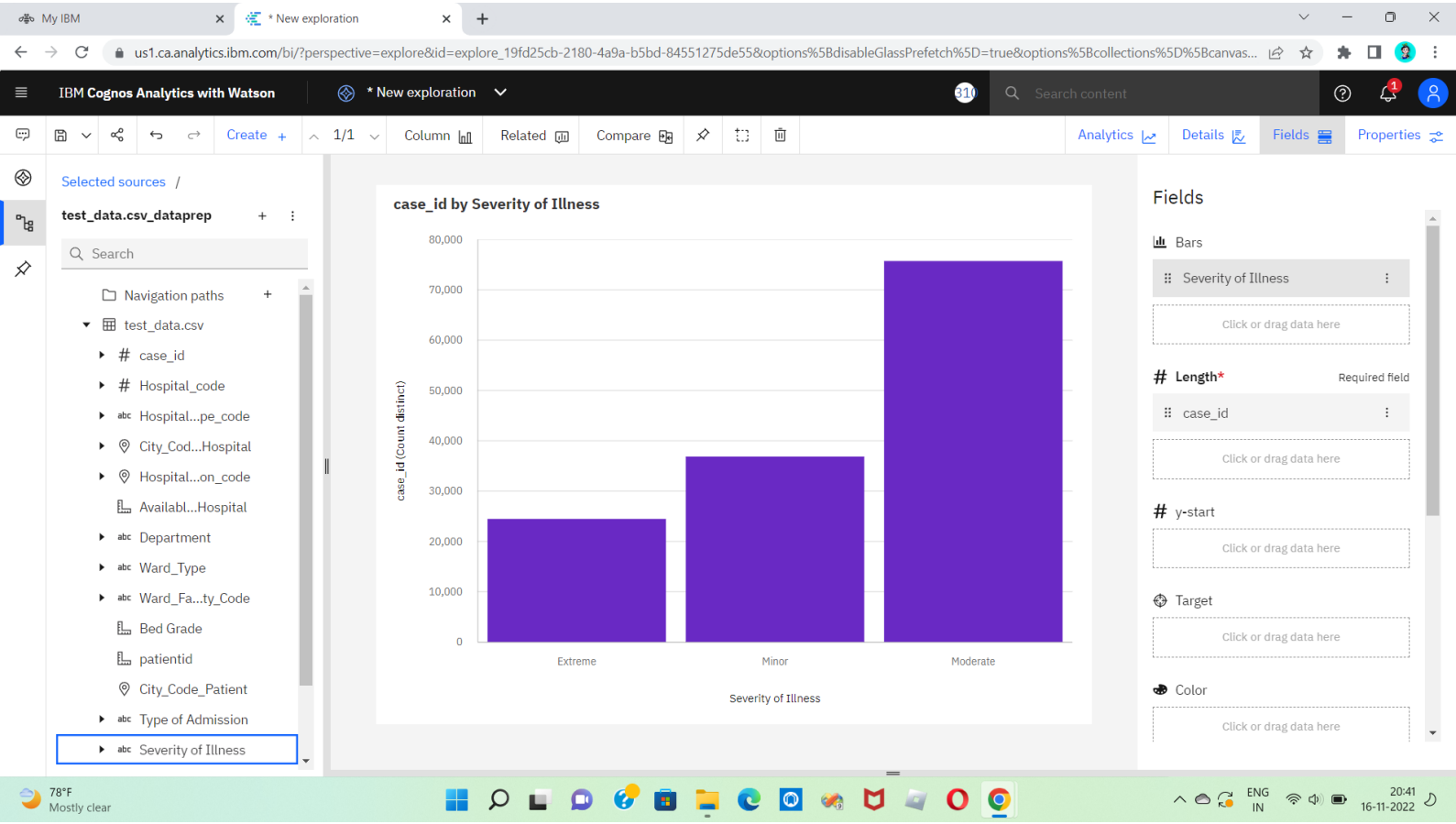
Various visualizations of dashboard showing the details of patients,ward types,Available Beds for further allocation and for monitoring process particularly in pandemic situations.

This health care data of the patients will help the customers or candidates and thee health care and hospitals in a right way to get away from risk.

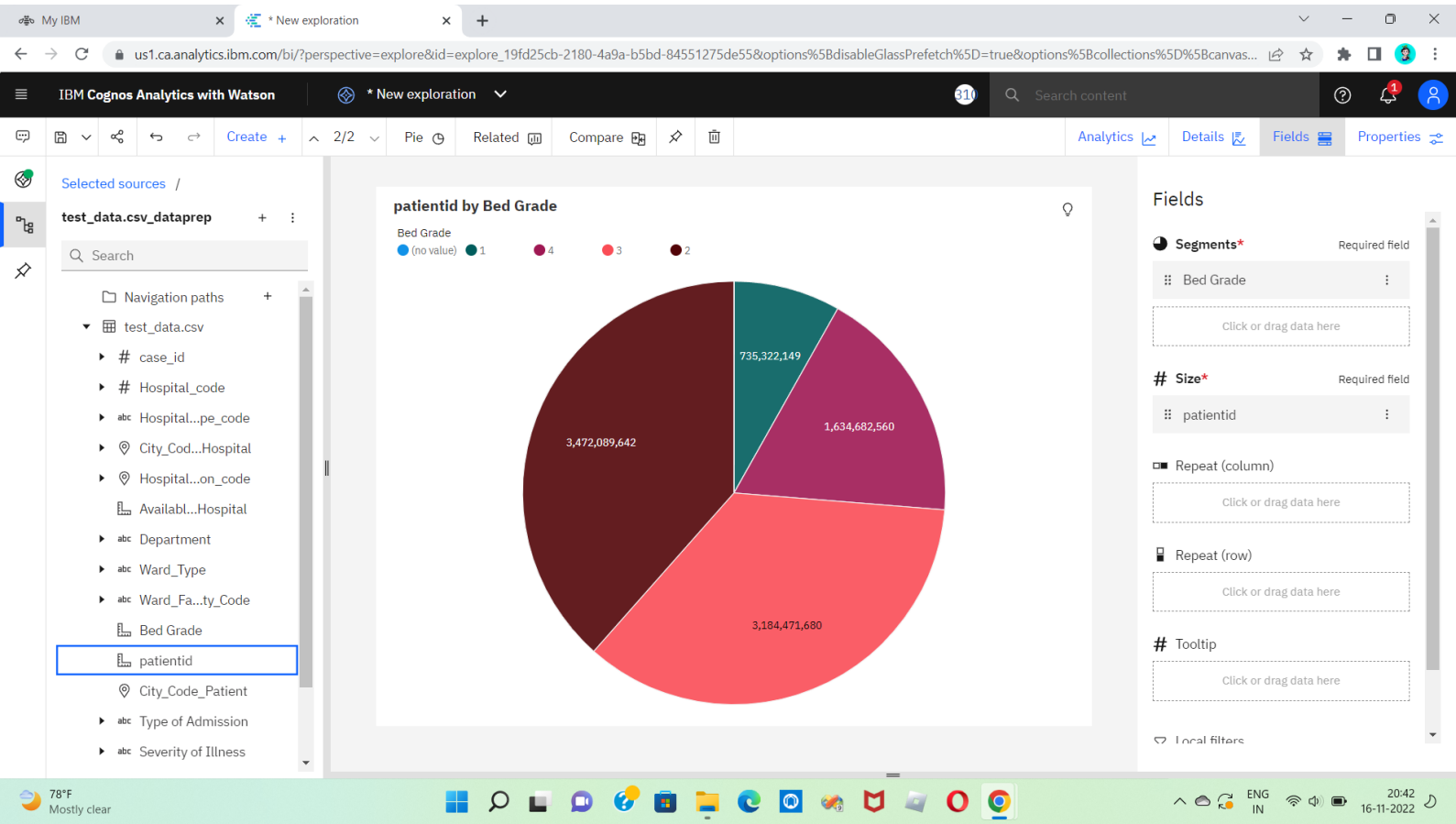
It helps patients to keep them in a good condition .

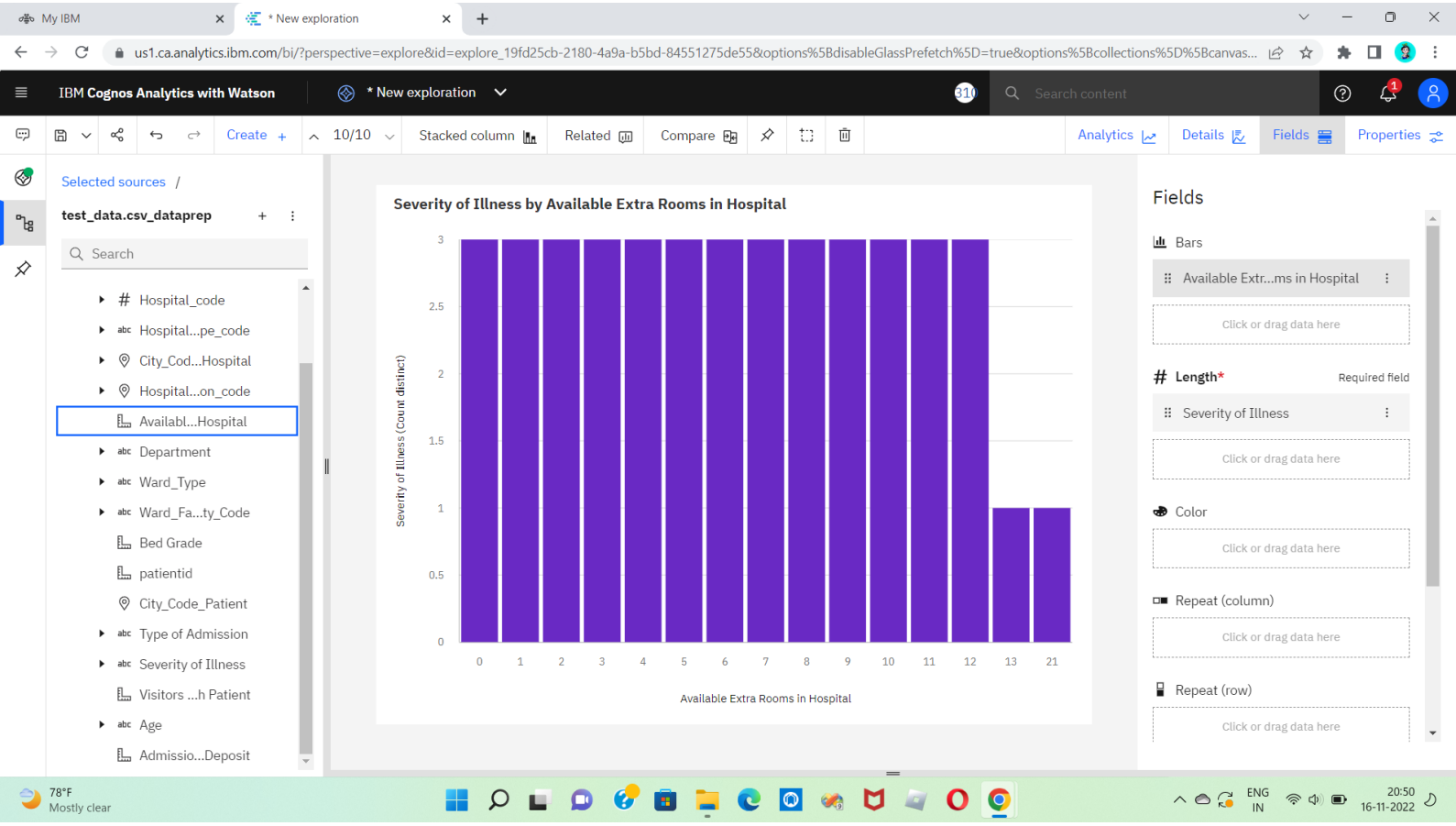
It provides space and time for the doctor to see the persons with different health problems.

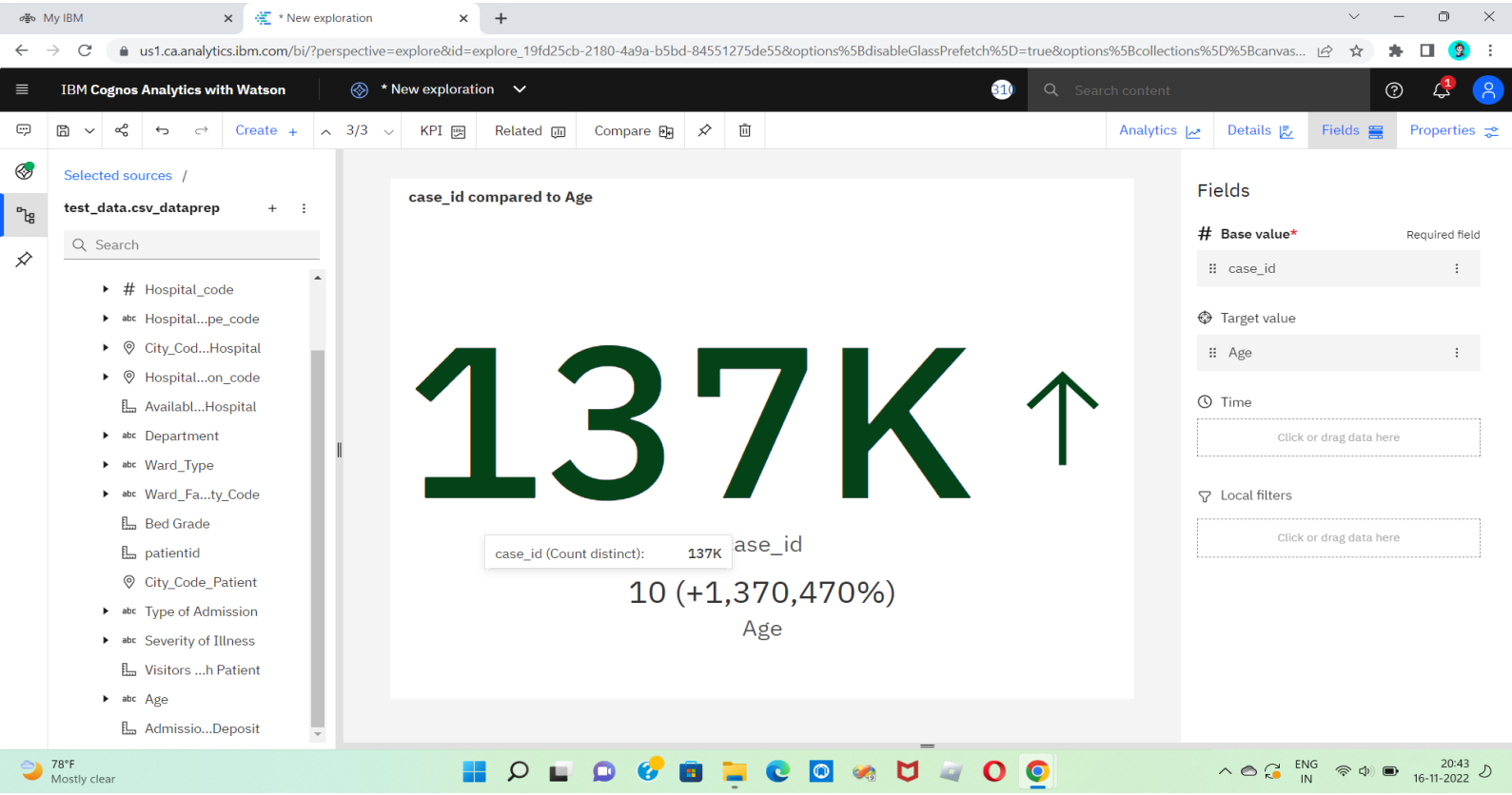
It is acccesed by Hospital Management.



This helps for easy monitoring ,by,this method one can easily predict and overcome the risk .




My IBM
* New exploration
us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_19fd25cb-2180-4a9a-b5bd-84551275de55&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5Bcanvas...
IBM Cognos Analytics with Watson
* New exploration
Search content
Create
10/10
Stacked column
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
test_data.csv_dataprep
Search
Hospital_code
Hospital...pe_code
City_Cod...Hospital
Hospital...on_code
Availabl...Hospital
Department
Ward_Type
Ward_Fa...ty_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Visitors ...h Patient
Age
Admissio...Deposit
Severity of Illness by Available Extra Rooms in Hospital
Severity of Illness (Count distinct)
Available Extra Rooms in Hospital
Fields
Bars
Available Extr...ms in Hospital
Click or drag data here
Length*
Required field
Severity of Illness
Color
Repeat (column)
Repeat (row)
78°F
Mostly clear
ENG
IN
20:50
16-11-2022


My IBM
* New exploration
us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_19fd25cb-2180-4a9a-b5bd-84551275de55&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5Bcanvas...
IBM Cognos Analytics with Watson
* New exploration
Search content
Create
3/3
KPI
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
test_data.csv_dataprep
Search
Hospital_code
Hospital...pe_code
City_Cod...Hospital
Hospital...on_code
Availabl...Hospital
Department
Ward_Type
Ward_Fa...ty_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Visitors ...h Patient
Age
Admissio...Deposit
case_id compared to Age
137K
case_id (Count distinct): 137K
10 (+1,370,470%)
Age
Fields
Base value*
Required field
case_id
Target value
Age
Time
Click or drag data here
Local filters
Click or drag data here
78°F
Mostly clear
ENG
IN
20:43
16-11-2022

My IBM | * New exploration

us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_19fd25cb-2180-4a9a-b5bd-84551275de55&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5Bcanvas...

IBM Cognos Analytics with Watson | * New exploration | Search content

Create | 7/7 | Column | Related | Compare | Analytics | Details | Fields | Properties

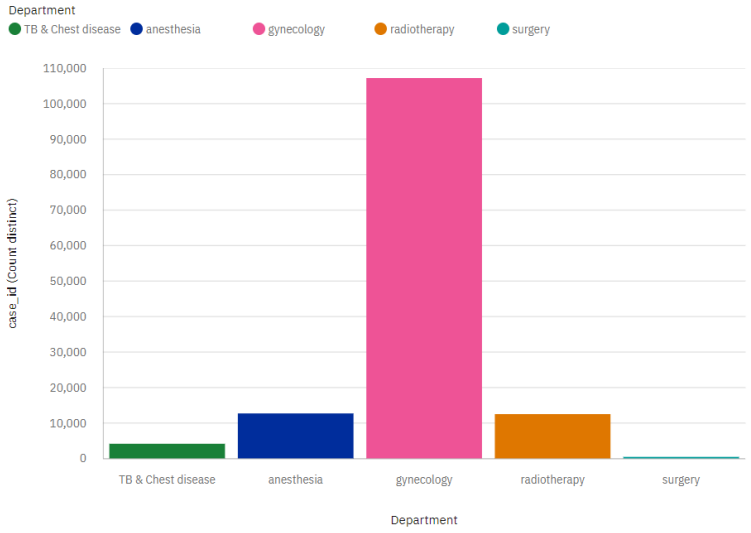
Selected sources /

test_data.csv_dataprep

Search

- Hospital_code
- Hospital...pe_code
- City_Cod...Hospital
- Hospital...on_code
- Availabl...Hospital
- Department
- Ward_Type
- Ward_Fa...ty_Code
- Bed Grade
- patientid
- City_Code_Patient
- Type of Admission
- Severity of Illness
- Visitors ...h Patient
- Age
- Admissio...Deposit

case_id by Department colored by Department



Fields

Click or drag data here

Length* Required field

case_id

Click or drag data here

y-start

Click or drag data here

Target

Click or drag data here

Color

Department

Click or drag data here

78°F Mostly clear

ENG IN 20:48 16-11-2022

My IBM | * New exploration

us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_19fd25cb-2180-4a9a-b5bd-84551275de55&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5Bcanvas...

IBM Cognos Analytics with Watson | * New exploration | Search content

Create | 8/8 | Spiral | Related | Compare | Analytics | Details | Fields | Properties

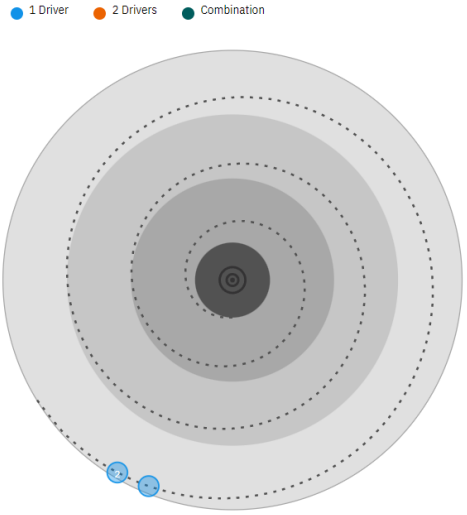
Selected sources /

test_data.csv_dataprep

Search

- Hospital_code
- Hospital...pe_code
- City_Cod...Hospital
- Hospital...on_code
- Availabl...Hospital
- Department
- Ward_Type
- Ward_Fa...ty_Code
- Bed Grade
- patientid
- City_Code_Patient
- Type of Admission
- Severity of Illness
- Visitors ...h Patient
- Age
- Admissio...Deposit

Type of Admission



Search drivers

Drivers	%
Hospital_code	13
Ward_Facility_Code	11
City_Code_Hospital	11

Fields

Target* Required field

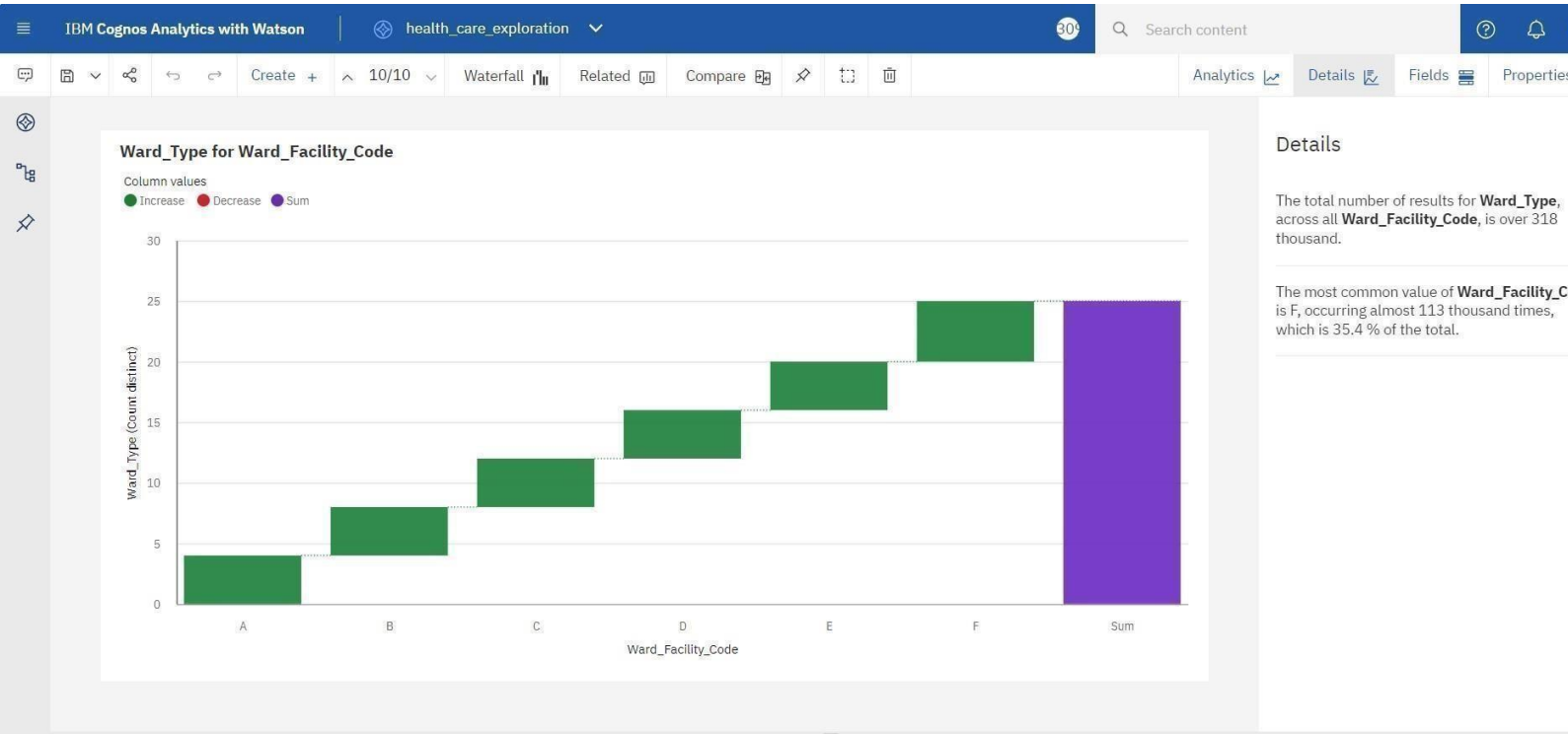
Type of Admission

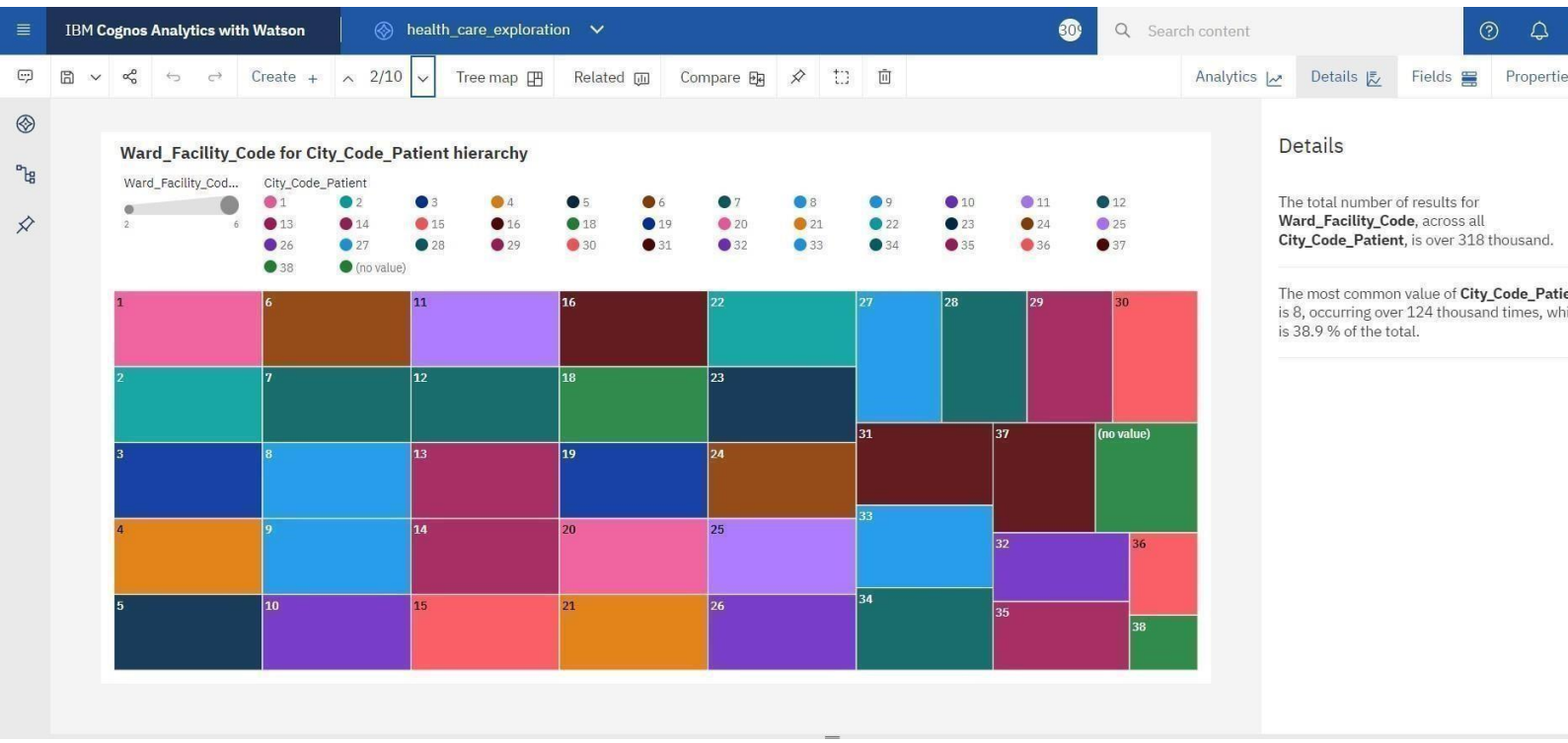
Local filters

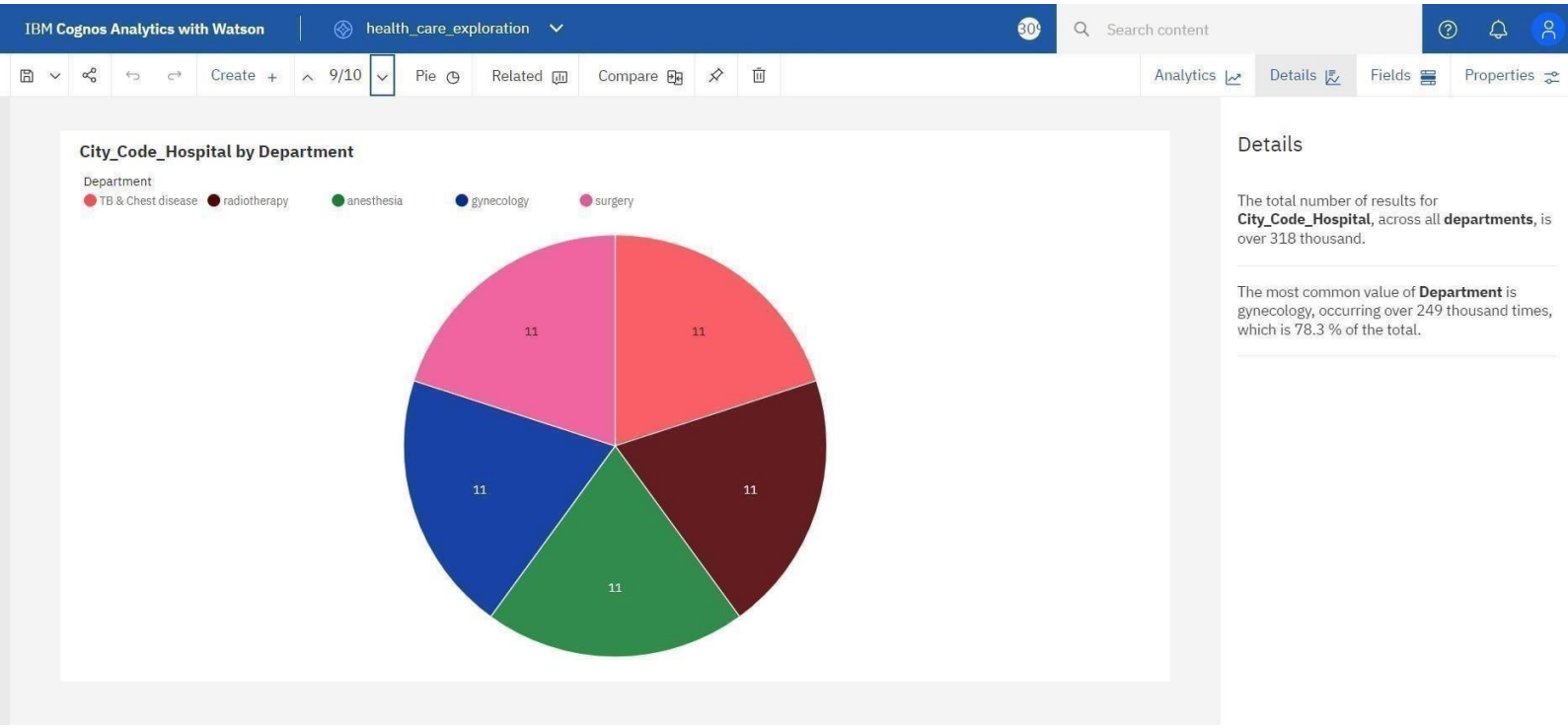
Click or drag data here

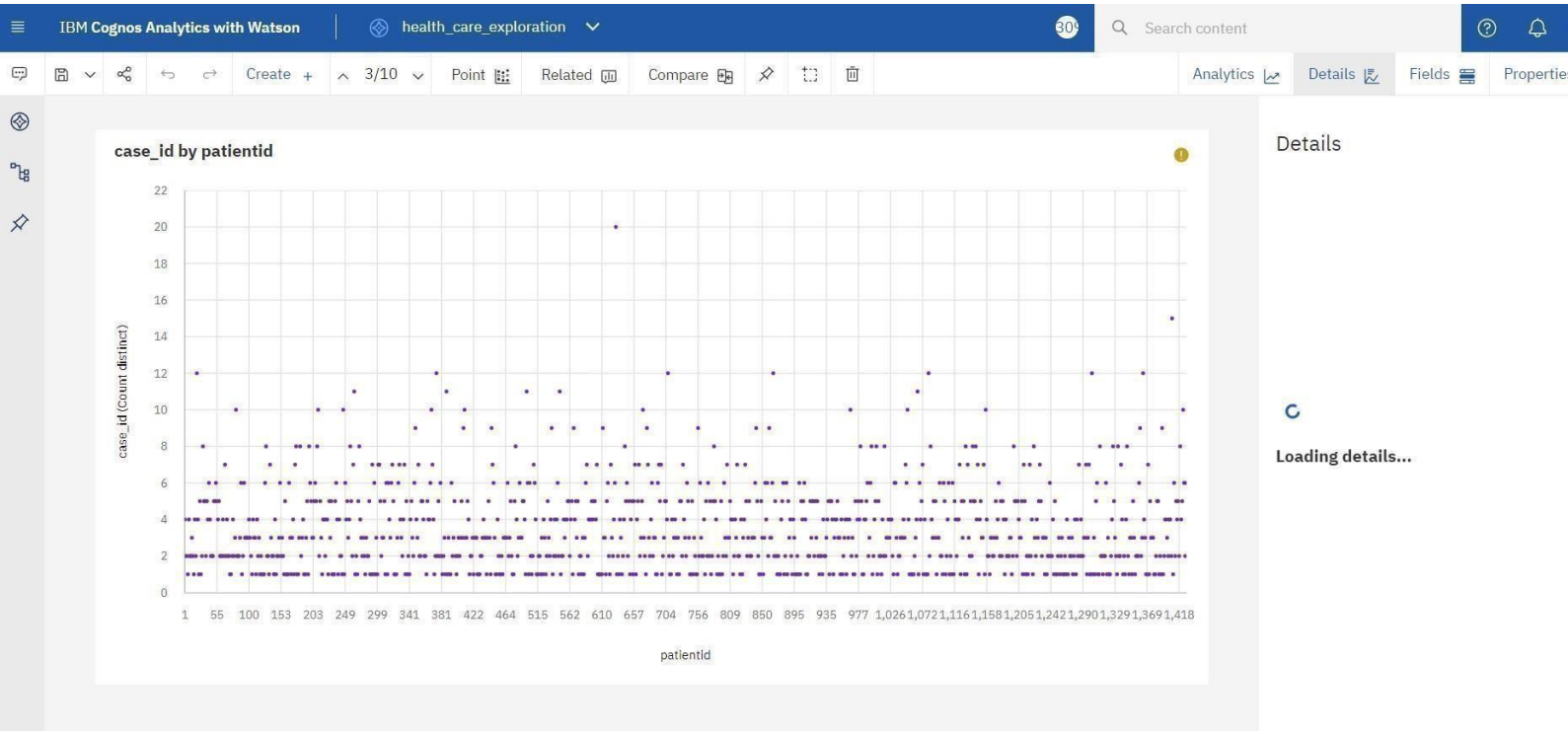
78°F Mostly clear

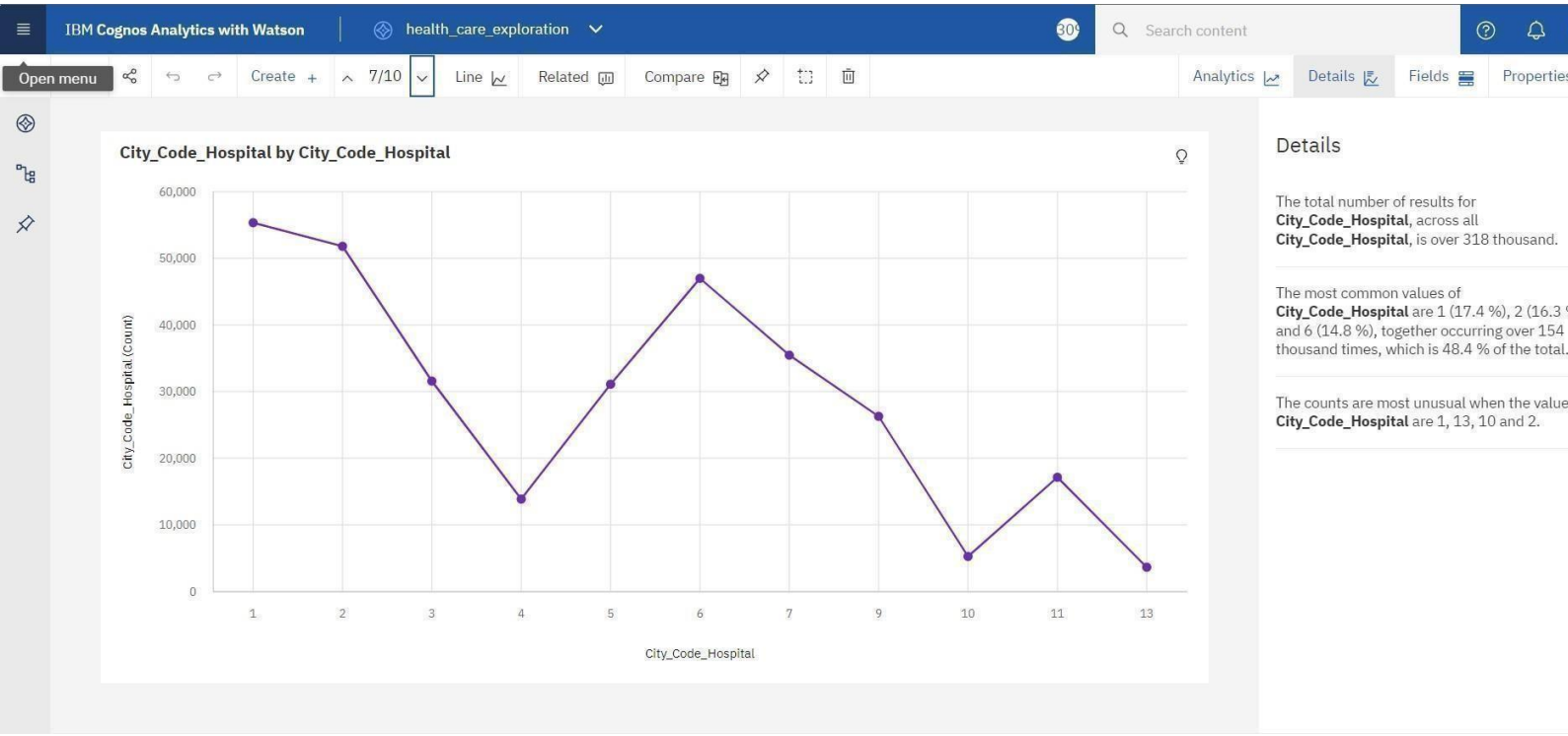
ENG IN 20:48 16-11-2022

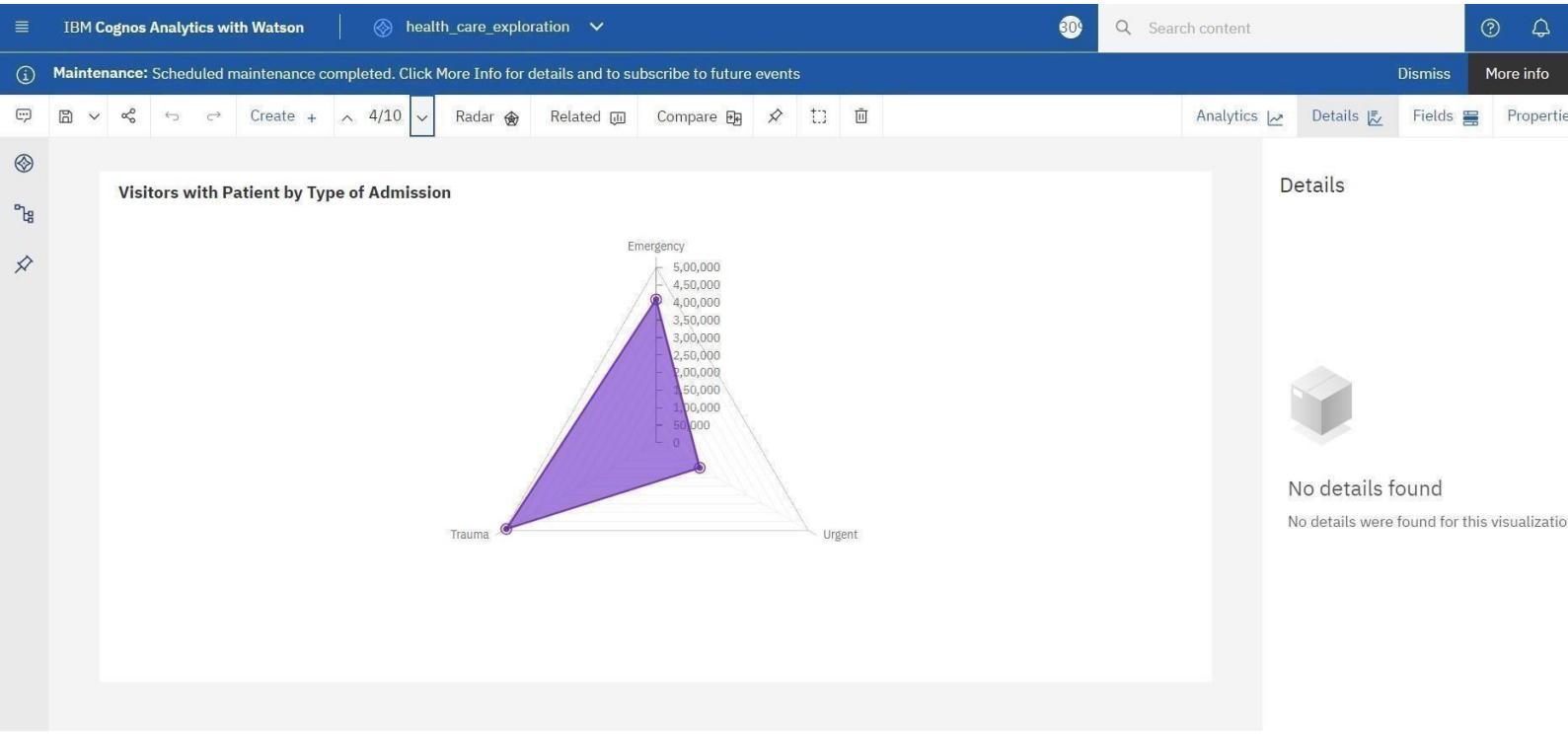

IBM Cognos Analytics with Watson
health_care_exploration
Search content
Create
10/10
Waterfall
Related
Compare
Analytics
Details
Fields
Ward_Type for Ward_Facility_Code
Column values
Increase
Decrease
Sum
Ward_Type (Count distinct)
30
25
20
15
10
5
0
A
B
C
D
E
F
Sum
Ward_Facility_Code
Details
The total number of results for Ward_Type, across all Ward_Facility_Code, is over 318 thousand.
The most common value of Ward_Facility_C is F, occurring almost 113 thousand times, which is 35.4 % of the total.


IBM Cognos Analytics with Watson
health_care_exploration
Search content
Create
2/10
Tree map
Related
Compare
Analytics
Details
Fields
Ward_Facility_Code for City_Code_Patient hierarchy
Ward_Facility_Cod...
City_Code_Patient
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
(no value)
Details
The total number of results for Ward_Facility_Code, across all City_Code_Patient, is over 318 thousand.
The most common value of City_Code_Patie is 8, occurring over 124 thousand times, whi is 38.9 % of the total.


IBM Cognos Analytics with Watson
health_care_exploration
Search content
Create
9/10
Pie
Related
Compare
Analytics
Details
Fields
Properties
City_Code_Hospital by Department
Department
TB & Chest disease
radiotherapy
anesthesia
gynecology
surgery
11
11
11
11
11
Details
The total number of results for City_Code_Hospital, across all departments, is over 318 thousand.
The most common value of Department is gynecology, occurring over 249 thousand times, which is 78.3 % of the total.


IBM Cognos Analytics with Watson
health_care_exploration
Search content
Create
3/10
Point
Related
Compare
Analytics
Details
Fields
case_id by patientid
case_id (Count distinct)
patientid
Details
Loading details...


IBM Cognos Analytics with Watson
health_care_exploration
Search content
Open menu
Create
7/10
Line
Related
Compare
Analytics
Details
Fields
City_Code_Hospital by City_Code_Hospital
60,000
50,000
40,000
30,000
20,000
10,000
0
City_Code_Hospital (Count)
1
2
3
4
5
6
7
9
10
11
13
City_Code_Hospital
Details
The total number of results for City_Code_Hospital, across all City_Code_Hospital, is over 318 thousand.
The most common values of City_Code_Hospital are 1 (17.4 %), 2 (16.3
and 6 (14.8 %), together occurring over 154
thousand times, which is 48.4 % of the total.
The counts are most unusual when the value
City_Code_Hospital are 1, 13, 10 and 2.


IBM Cognos Analytics with Watson
health_care_exploration
Search content
Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events
Dismiss
More info
Create
4/10
Radar
Related
Compare
Analytics
Details
Fields
Visitors with Patient by Type of Admission
Emergency
5,00,000
4,50,000
4,00,000
3,50,000
3,00,000
2,50,000
2,00,000
1,50,000
1,00,000
50,000
0
Trauma
Urgent
Details
No details found
No details were found for this visualizatio

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

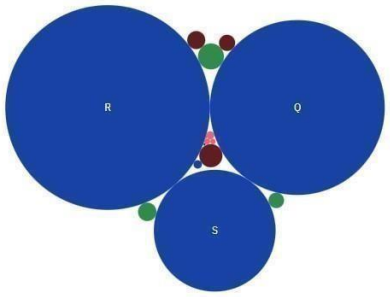
Ward_Type colored by Department sized by Department

Department (Count)

4 99,730

Department

TB & Chest disease anesthesia gynecology radiotherapy surgery



Details

The total number of results for **Department** across all **Ward_Type**, is over 318 thousand

The most common values of **Ward_Type** are (40.2 %), Q (33.3 %), and S (24.4 %), togeth occurring almost 312 thousand times, which 97.9 % of the total.

The most common value of **Department** is gynecology, occurring over 249 thousand ti which is 78.3 % of the total.