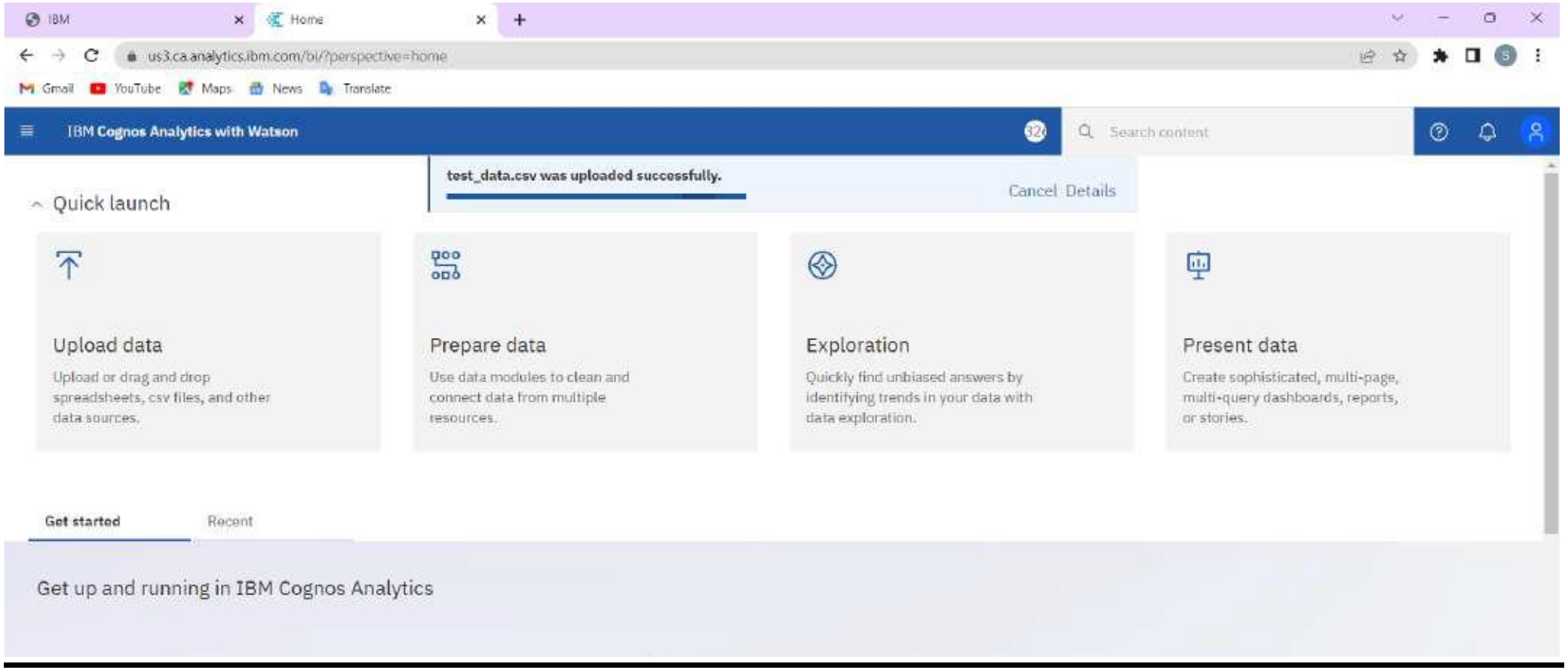
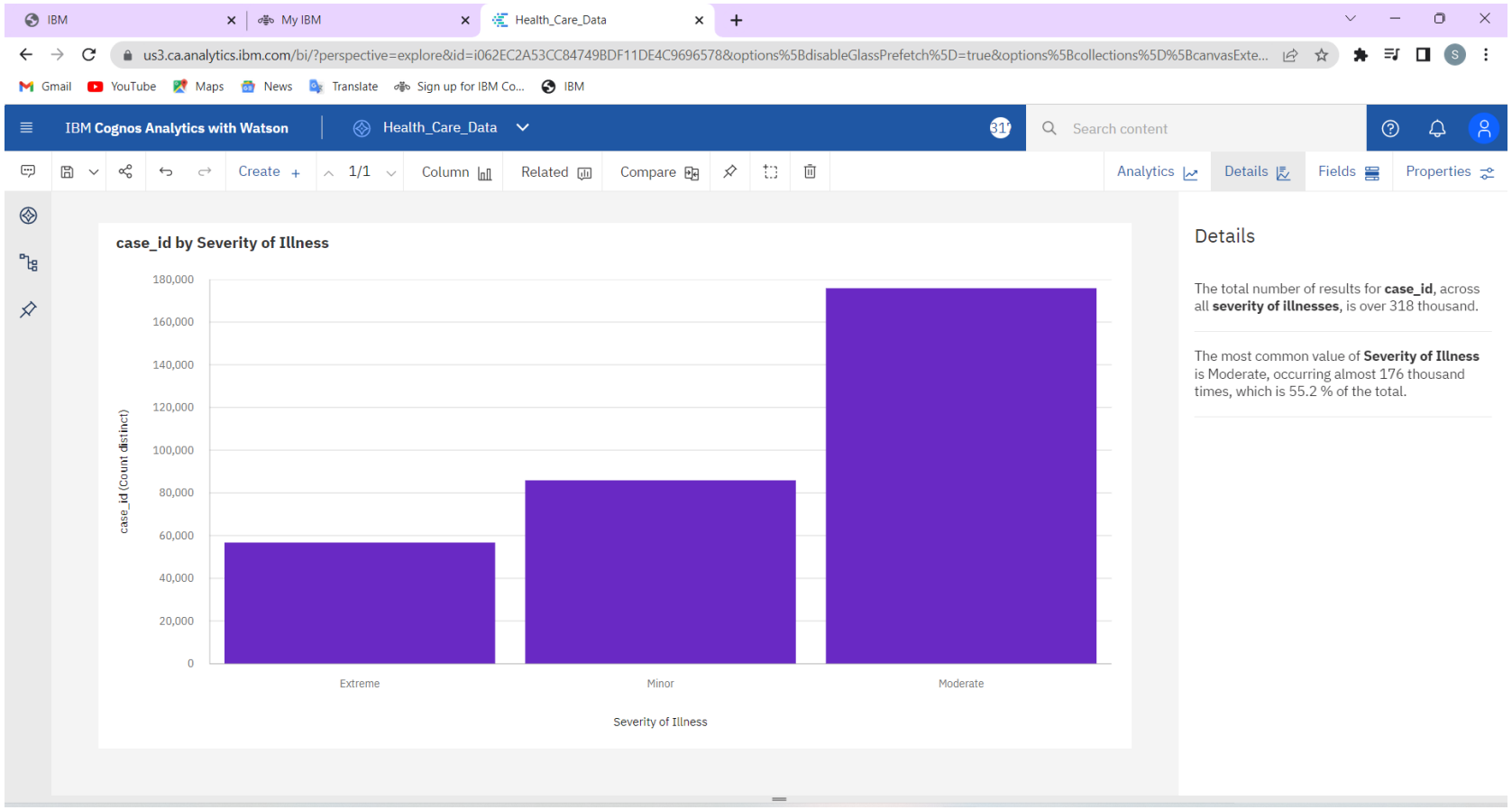
WORKING WITH DATASETS

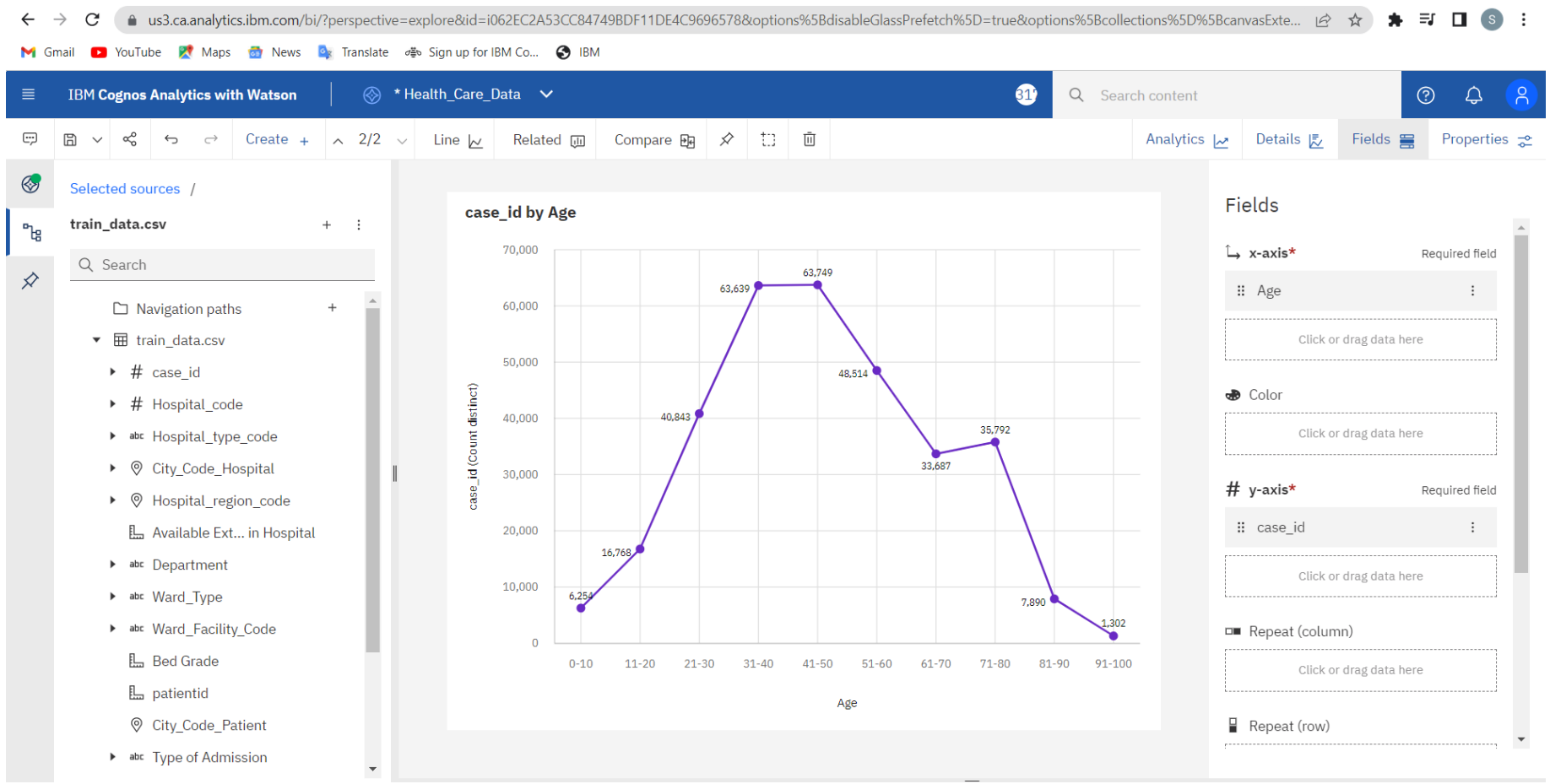
Project Name	Analytics for Hospital Health-Care Data
Team ID	PNT2022TMID07282
Team Members	Shree Narmadha T S Ayyankalai A Sanjeevi V Thiripura Sundhar A

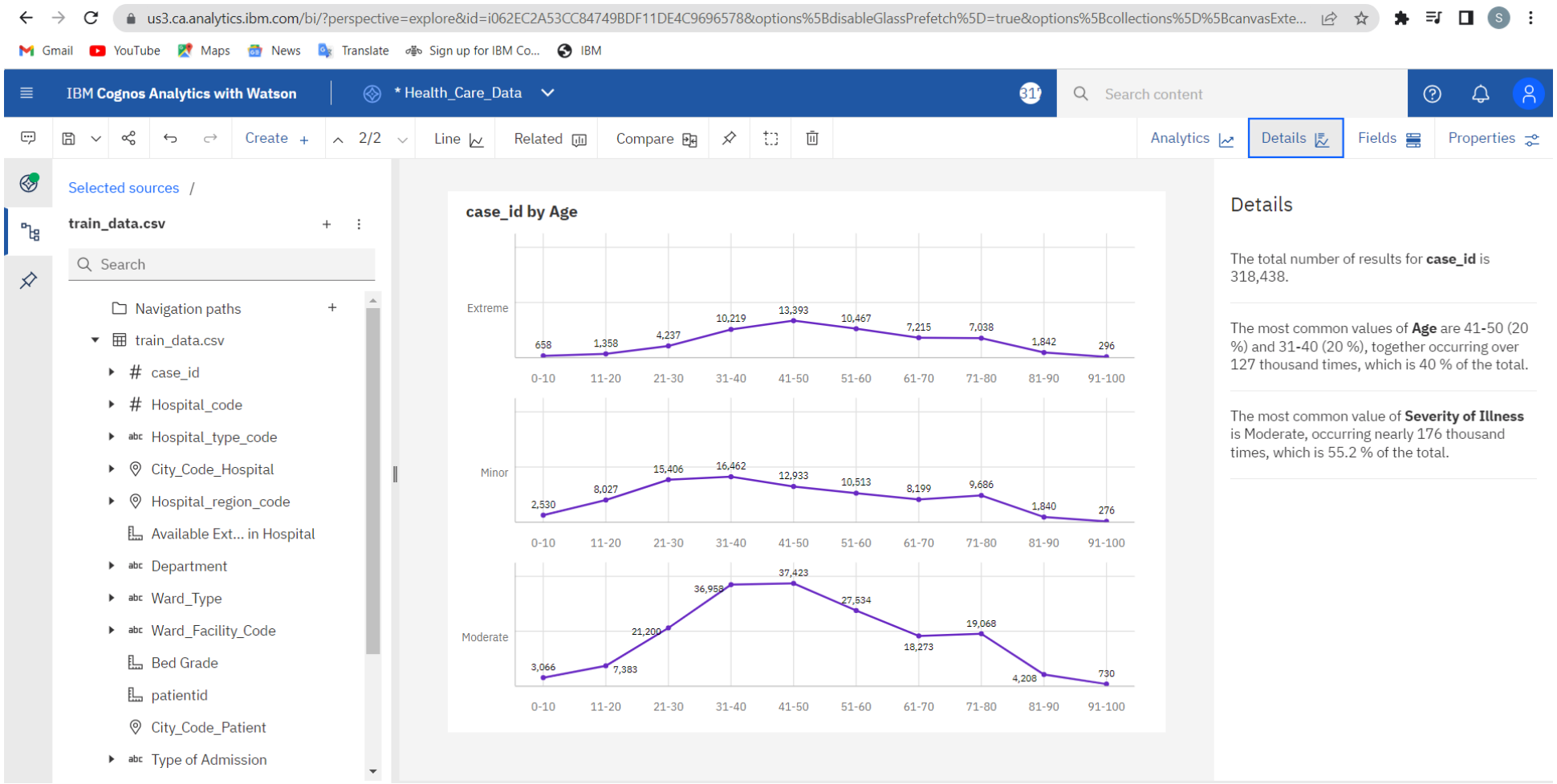
LOADING DATASETS

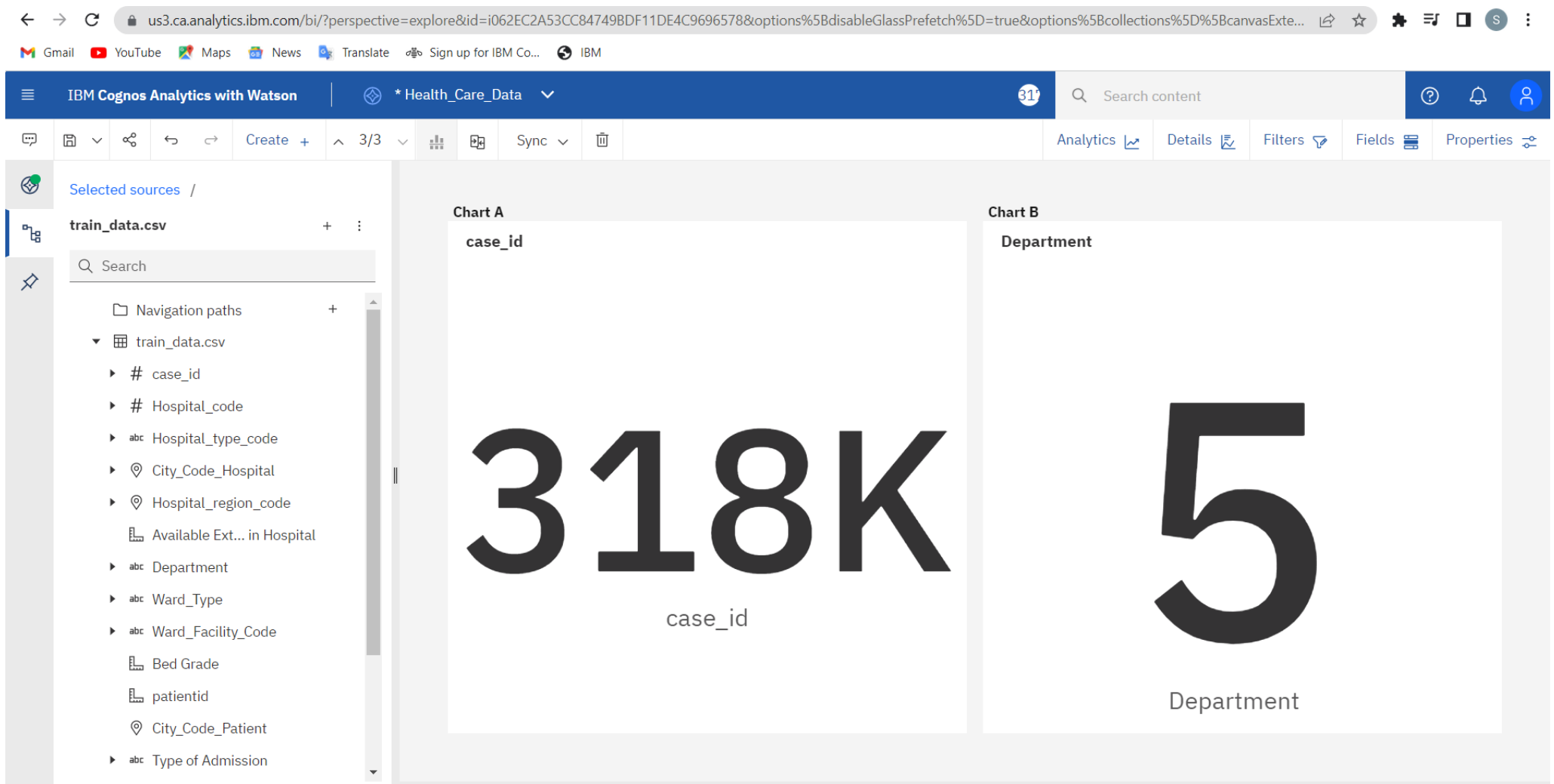


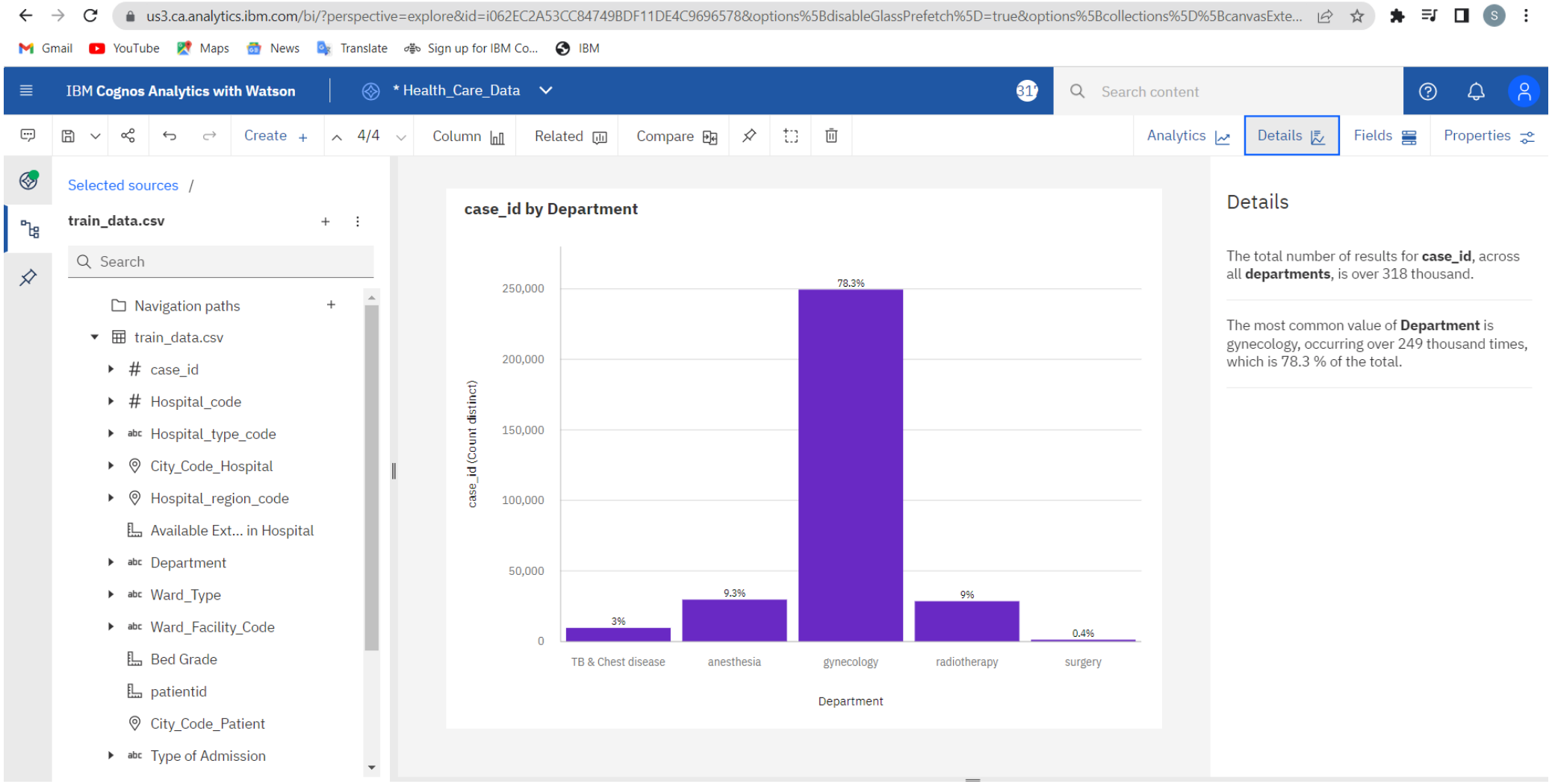
EXPLORATION OF DATA

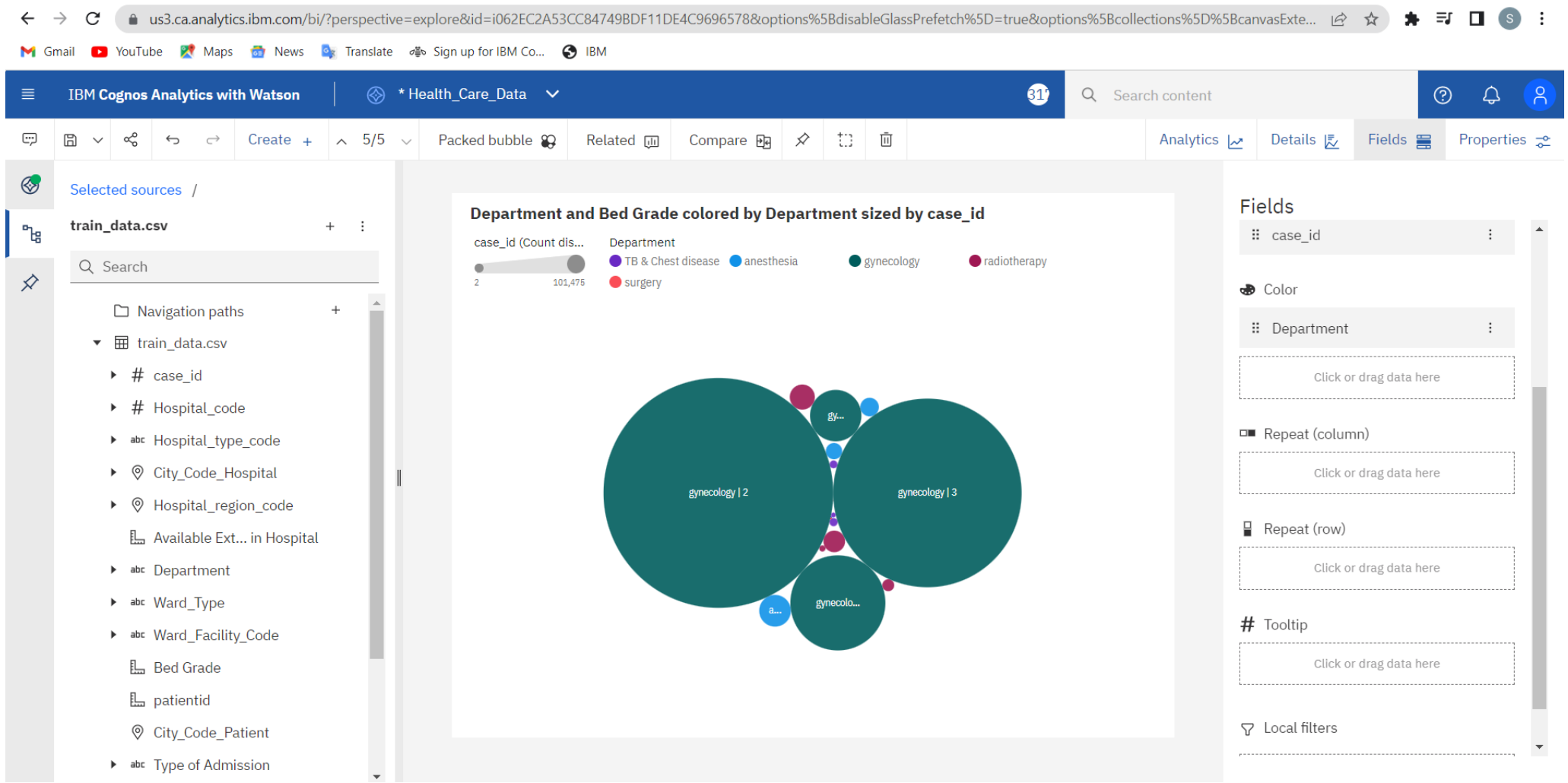



us3.ca.analytics.ibm.com/bi/?perspective=explore&id=i062EC2A53CC84749BDF11DE4C9696578&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExte...
Gmail
YouTube
Maps
News
Translate
Sign up for IBM Co...
IBM
IBM Cognos Analytics with Watson
* Health_Care_Data
Search content
Create
2/2
Line
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
train_data.csv
Search
Navigation paths
train_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available Ext... in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
case_id by Age
case_id (Count distinct)
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
6,254
16,768
40,843
63,639
63,749
48,514
33,687
35,792
7,890
1,302
0-10
11-20
21-30
31-40
41-50
51-60
61-70
71-80
81-90
91-100
Age
Fields
x-axis*
Required field
Age
Click or drag data here
Color
Click or drag data here
y-axis*
Required field
case_id
Click or drag data here
Repeat (column)
Click or drag data here
Repeat (row)


us3.ca.analytics.ibm.com/bi/?perspective=explore&id=i062EC2A53CC84749BDF11DE4C9696578&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExte...
Gmail
YouTube
Maps
News
Translate
Sign up for IBM Co...
IBM
IBM Cognos Analytics with Watson
* Health_Care_Data
Search content
Create
2/2
Line
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
train_data.csv
Search
Navigation paths
train_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available Ext... in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
case_id by Age
Extreme
658
1,358
4,237
10,219
13,393
10,467
7,215
7,038
1,842
296
Minor
2,530
8,027
15,406
16,462
12,933
10,513
8,199
9,686
1,840
276
Moderate
3,066
7,383
21,200
36,958
37,423
27,534
18,273
19,068
4,208
730
0-10
11-20
21-30
31-40
41-50
51-60
61-70
71-80
81-90
91-100
Details
The total number of results for case_id is 318,438.
The most common values of Age are 41-50 (20 %) and 31-40 (20 %), together occurring over 127 thousand times, which is 40 % of the total.
The most common value of Severity of Illness is Moderate, occurring nearly 176 thousand times, which is 55.2 % of the total.


us3.ca.analytics.ibm.com/bi/?perspective=explore&id=i062EC2A53CC84749BDF11DE4C9696578&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExte...
Gmail
YouTube
Maps
News
Translate
Sign up for IBM Co...
IBM
IBM Cognos Analytics with Watson
* Health_Care_Data
Search content
Create
3/3
Sync
Analytics
Details
Filters
Fields
Properties
Selected sources /
train_data.csv
Search
Navigation paths
train_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available Ext... in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Chart A
case_id
318K
case_id
Chart B
Department
5
Department


us3.ca.analytics.ibm.com/bi/?perspective=explore&id=i062EC2A53CC84749BDF11DE4C9696578&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExte...
Gmail
YouTube
Maps
News
Translate
Sign up for IBM Co...
IBM
IBM Cognos Analytics with Watson
* Health_Care_Data
Search content
Create
4/4
Column
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
train_data.csv
Search
Navigation paths
train_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available Ext... in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
case_id by Department
250,000
200,000
150,000
100,000
50,000
0
case_id (Count distinct)
78.3%
9.3%
9%
3%
0.4%
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Department
Details
The total number of results for case_id, 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.


us3.ca.analytics.ibm.com/bi/?perspective=explore&id=i062EC2A53CC84749BDF11DE4C9696578&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExte...
Gmail
YouTube
Maps
News
Translate
Sign up for IBM Co...
IBM
IBM Cognos Analytics with Watson
* Health_Care_Data
Search content
Create
5/5
Packed bubble
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
train_data.csv
Search
Navigation paths
train_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available Ext... in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Department and Bed Grade colored by Department sized by case_id
case_id (Count dis...
2
101,475
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
gynecology | 2
gy...
gynecology | 3
a...
gynecolo...
Fields
case_id
Color
Department
Click or drag data here
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here
Tooltip
Click or drag data here
Local filters