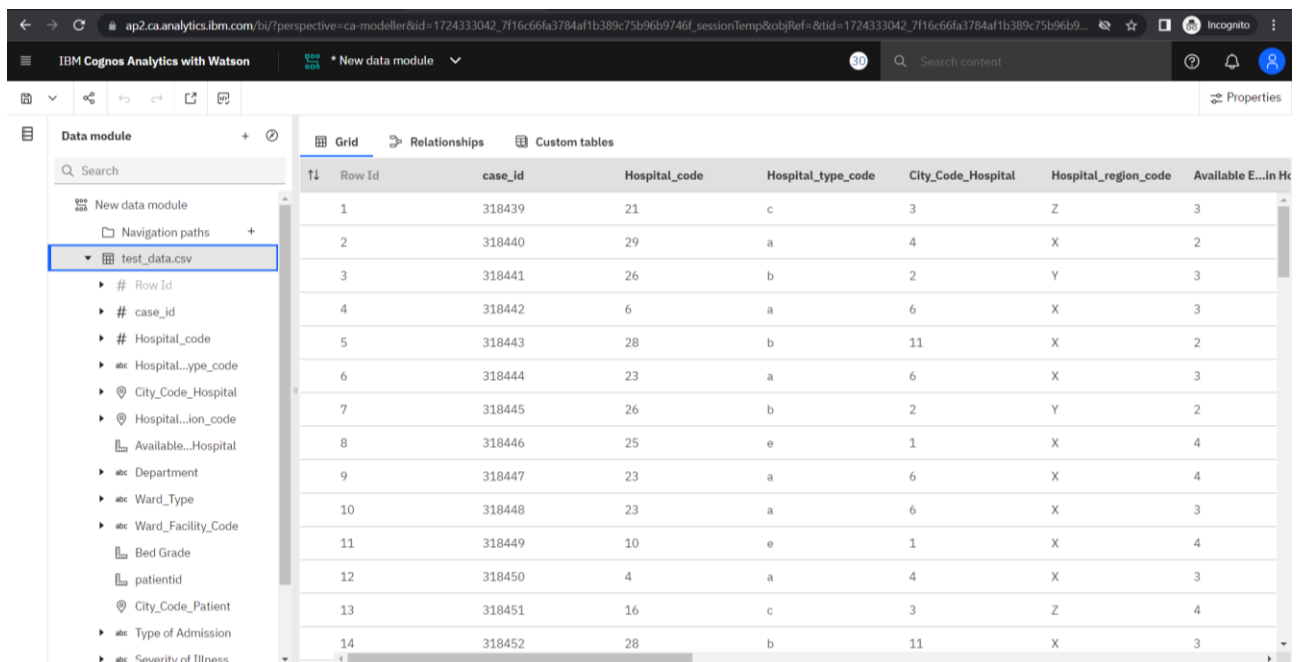


Team ID: PNT2022TMID44298

Analytics for hospital's healthcare data

Understanding the dataset

In test_data.csv there are 137058 rows and 17 columns



The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays the 'Data module' with a search bar and a list of data sources. The 'test_data.csv' file is selected, showing a list of columns: Row Id, case_id, Hospital_code, Hospital_type_code, City_Code_Hospital, Hospital_region_code, and Available E...in Hc. The main area shows a grid view of the data with 14 rows and 7 columns. The columns are: Row Id, case_id, Hospital_code, Hospital_type_code, City_Code_Hospital, Hospital_region_code, and Available E...in Hc. The data is as follows:

Row Id	case_id	Hospital_code	Hospital_type_code	City_Code_Hospital	Hospital_region_code	Available E...in Hc
1	318439	21	c	3	Z	3
2	318440	29	a	4	X	2
3	318441	26	b	2	Y	3
4	318442	6	a	6	X	3
5	318443	28	b	11	X	2
6	318444	23	a	6	X	3
7	318445	26	b	2	Y	2
8	318446	25	e	1	X	4
9	318447	23	a	6	X	4
10	318448	23	a	6	X	3
11	318449	10	e	1	X	4
12	318450	4	a	4	X	3
13	318451	16	c	3	Z	4
14	318452	28	b	11	X	3

IBM Cognos Analytics with Watson

Grid Relationships Custom tables

Create calculation

Name: City_Code_Hospital +

Expression: City_Code_Hospital + Constant

Calculate after aggregation

Use calculation editor Cancel OK

Row Id	case_id	Hospital_code	Hospital_type_code	City_Code_Hospital	Hospital_region_code	Available E...
1				3	Z	3
2				4	X	2
3				2	Y	3
4				6	X	3
5				11	X	2
6				6	X	3
7				2	Y	2
8				1	X	4
9				6	X	4
10				6	X	3
11	318449	10	e	1	X	4
12	318450	4	a	4	X	3
13	318451	16	c	3	Z	4
14	318452	28	b	11	X	3

IBM Cognos Analytics with Watson

Create a data group (text style)

Name: Hospital_code (Group)

Remaining items in column: 1, 10, 11, 12, 13, 14, 15

Groups: New group +, Group

Group items: Member list is empty

1 of 32 selected 1 of 1 selected 0 of 0 selected

Group remaining and future items in

Replace the existing column 'Hospital_code'

Create a data group (numeric style) Cancel Create

Hospital_region_code	Available E...
Z	3
X	2
Y	3
X	3
X	2
X	3
Y	2
X	4
X	4
X	3
X	4
X	3
Z	4
X	3