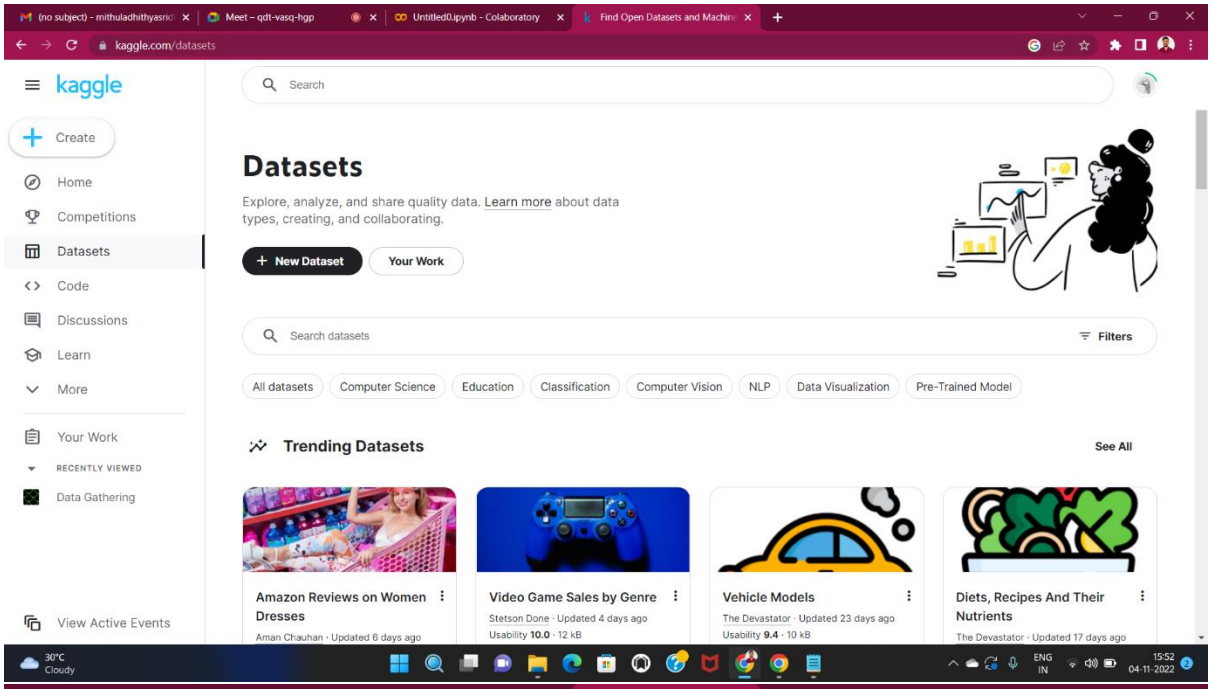
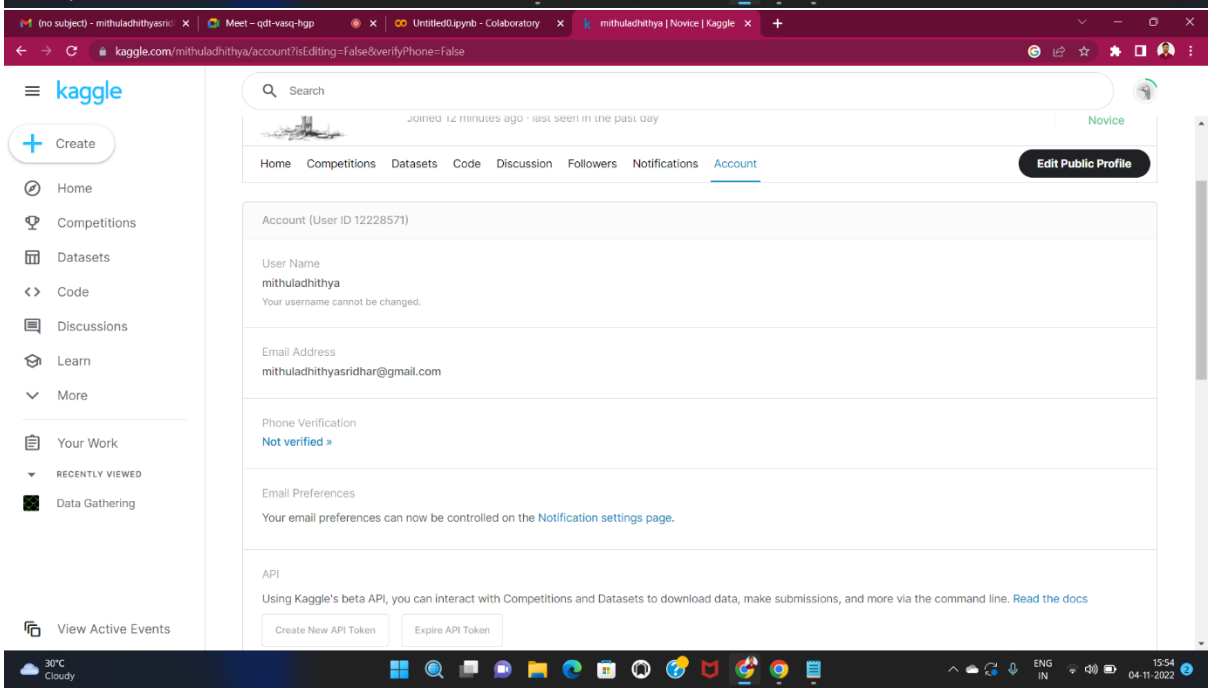
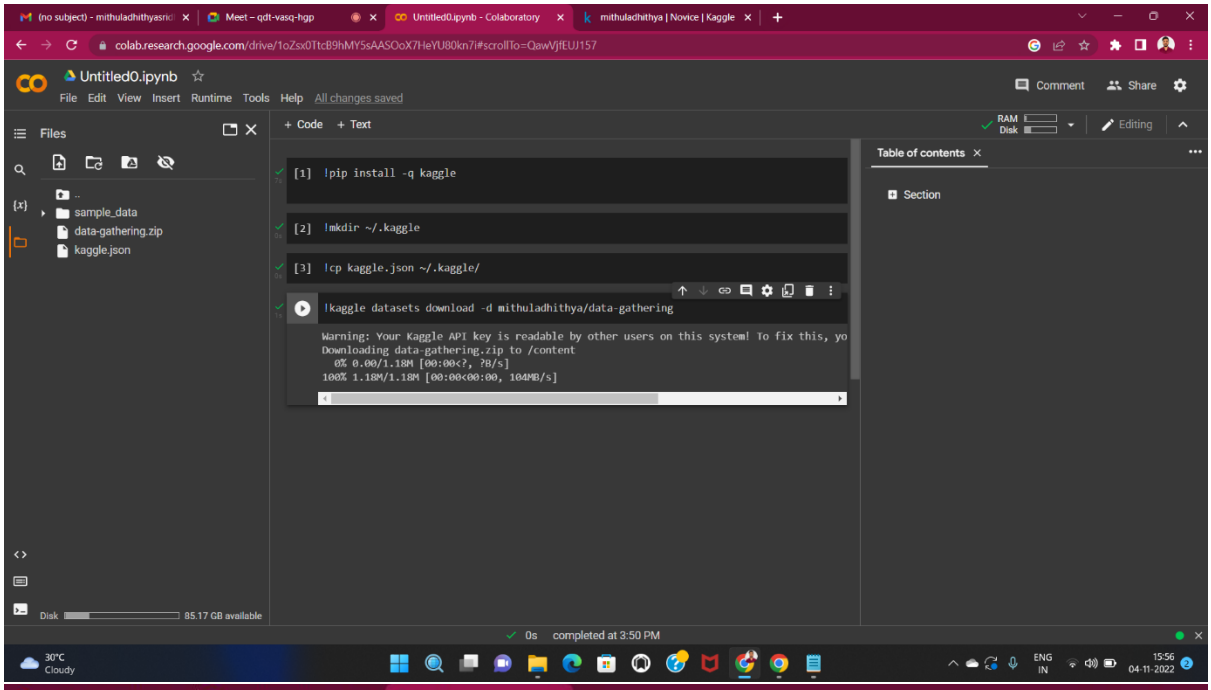
DATA GATHERING AND DATA PRE-PROCESSING

Team ID	PNT2022TMID37553
Project Name	Analytics for Hospital Health Data






Untitled0.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
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Files
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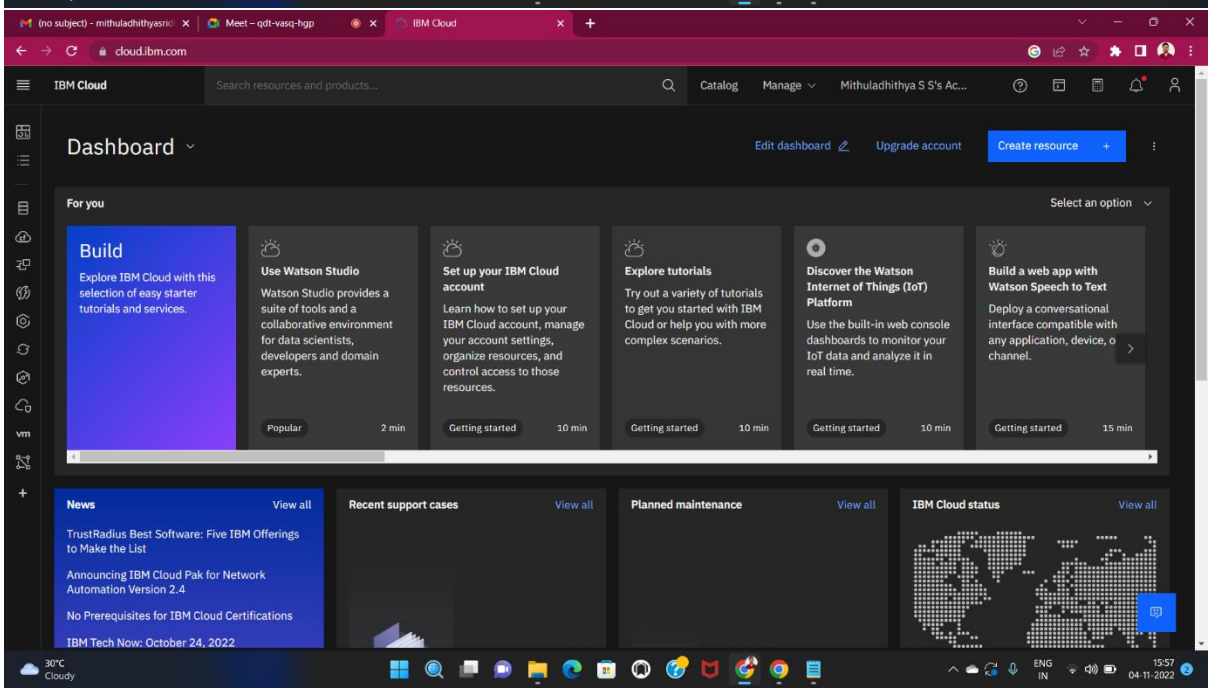
RAM
Disk
Editing
[1] !pip install -q kaggle
[2] !mkdir ~/.kaggle
[3] !cp kaggle.json ~/.kaggle/
!kaggle datasets download -d mithuladhithya/data-gathering
Warning: Your Kaggle API key is readable by other users on this system! To fix this, yo
Downloading data-gathering.zip to /content
0% 0.00/1.18M [00:00<?, ?B/s]
100% 1.18M/1.18M [00:00<00:00, 104MB/s]
Table of contents
Section
sample_data
data-gathering.zip
kaggle.json
Disk
85.17 GB available
0s completed at 3:50 PM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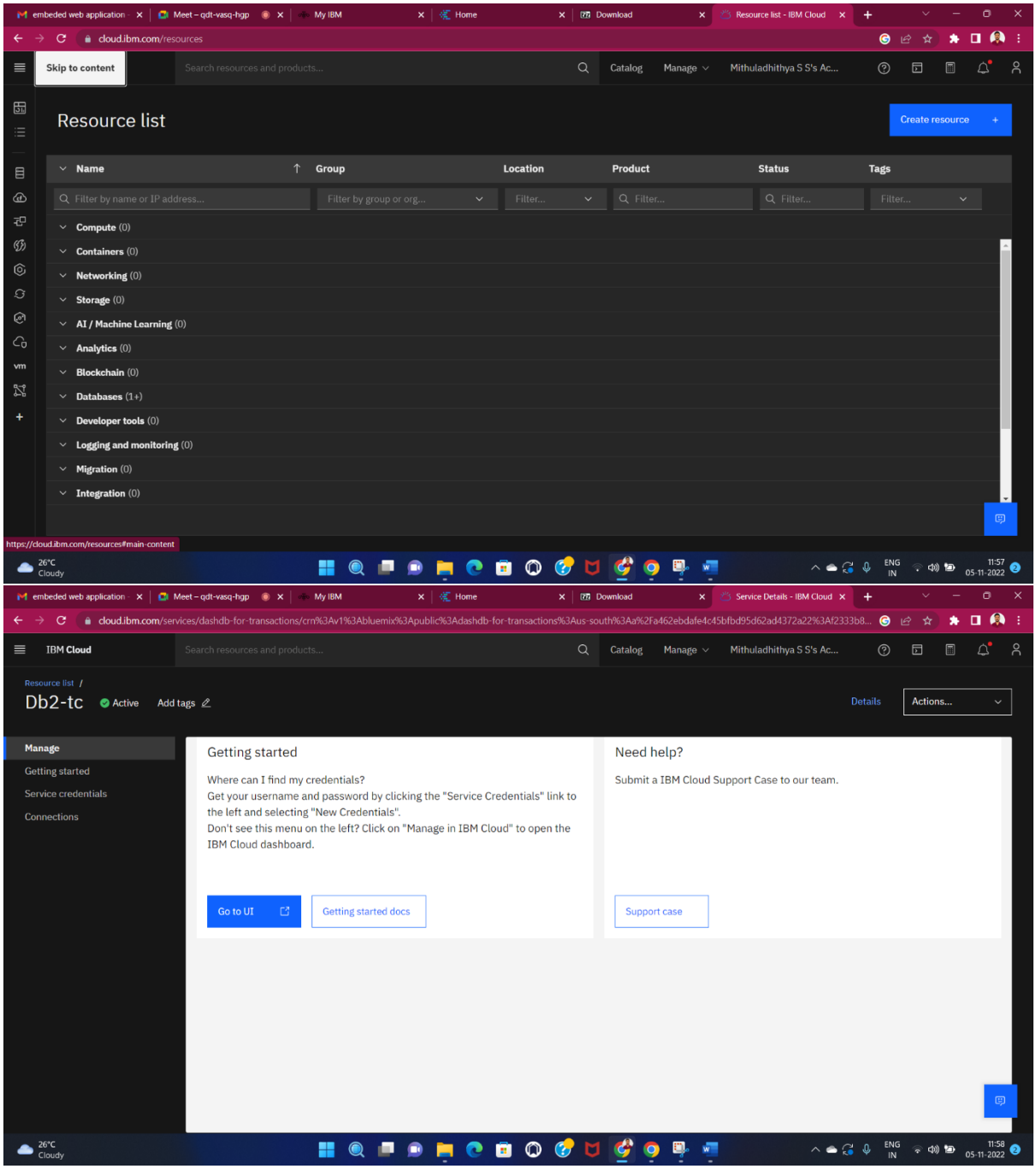
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Location
Product
Status
Tags
Filter by name or IP address...
Filter by group or org...
Filter...
Compute (0)
Containers (0)
Networking (0)
Storage (0)
AI / Machine Learning (0)
Analytics (0)
Blockchain (0)
Databases (1+)
Developer tools (0)
Logging and monitoring (0)
Migration (0)
Integration (0)
https://cloud.ibm.com/resources#main-content
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cloud.ibm.com/services/dashdb-for-transactions/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fa462ebdafe4c45bfbd95d62ad4372a22%3Af2333b8...
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Where can I find my credentials?
Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".
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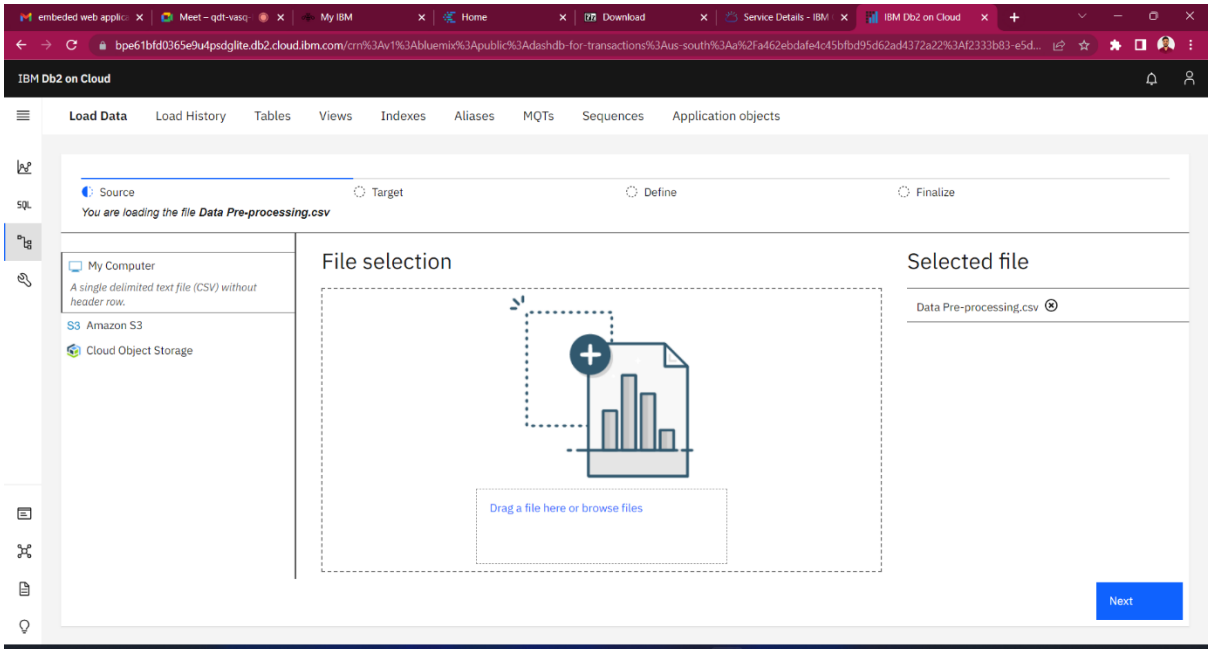
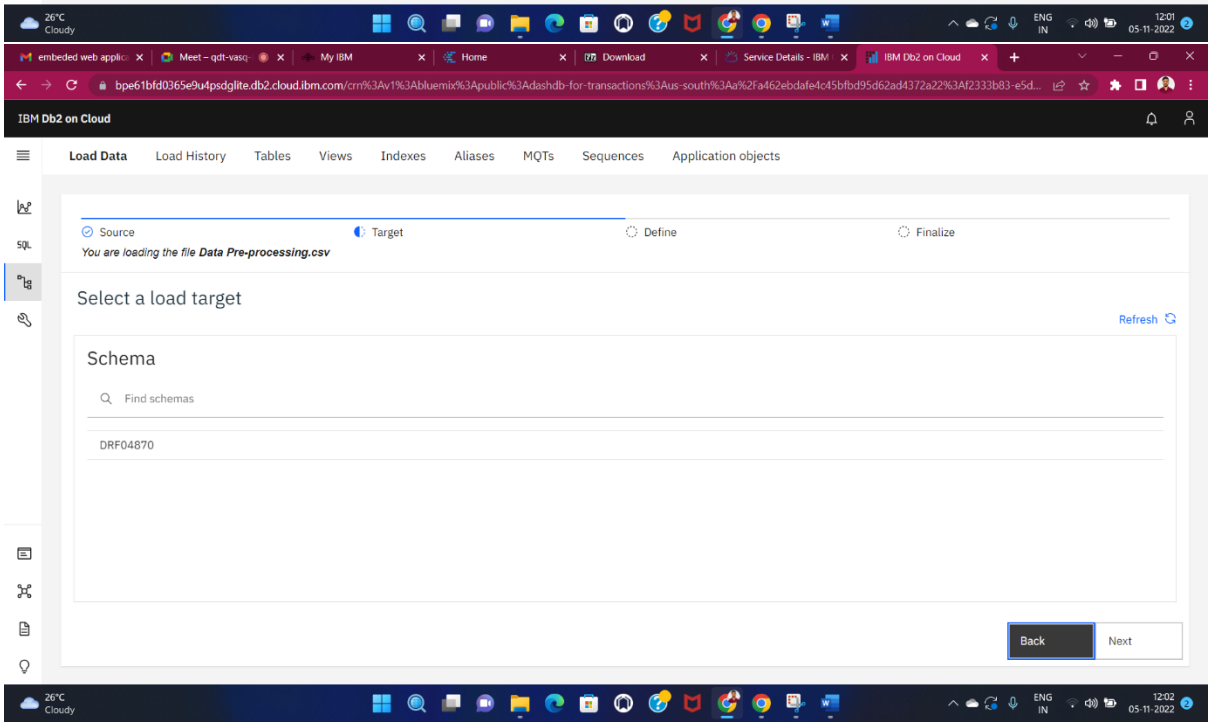

IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
Source
Target
Define
Finalize
You are loading the file Data Pre-processing.csv
My Computer
A single delimited text file (CSV) without header row.
Amazon S3
Cloud Object Storage
File selection
Drag a file here or browse files
Selected file
Data Pre-processing.csv
Next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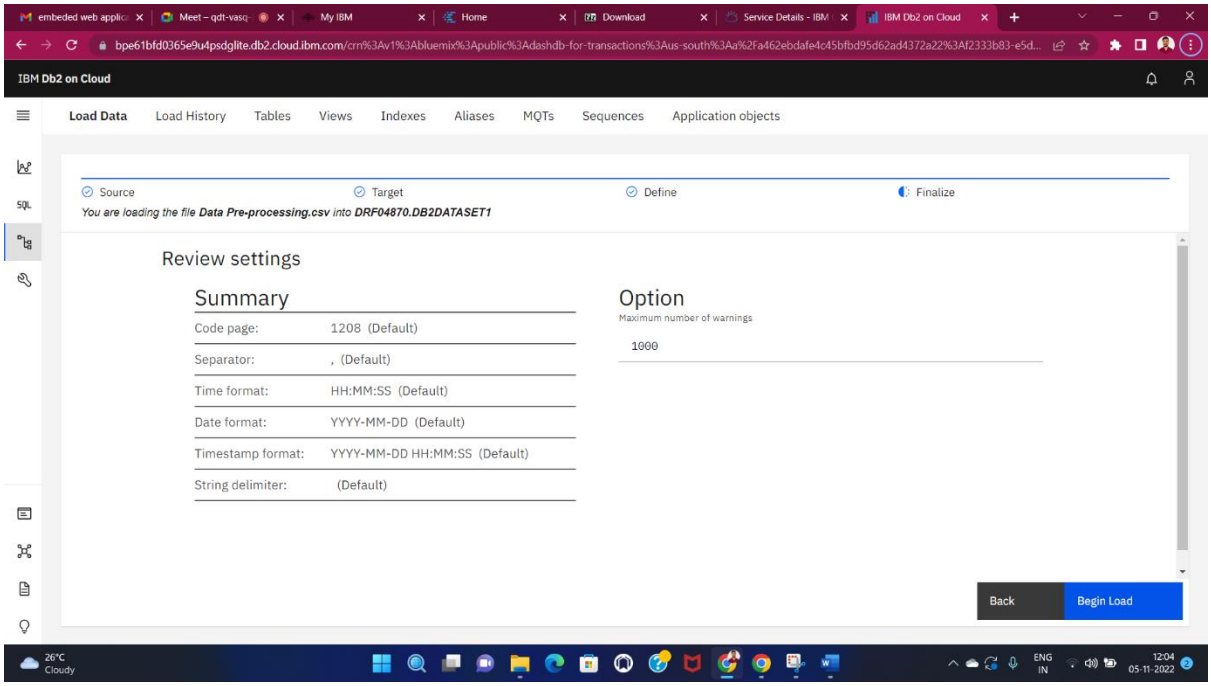
Source
Target
Define
Finalize
You are loading the file Data Pre-processing.csv
Select a load target
Refresh
Schema
Find schemas
DRF04870
Back
Next


IBM Db2 on Cloud
Load Data
Load History
Tables
Views
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MQTs
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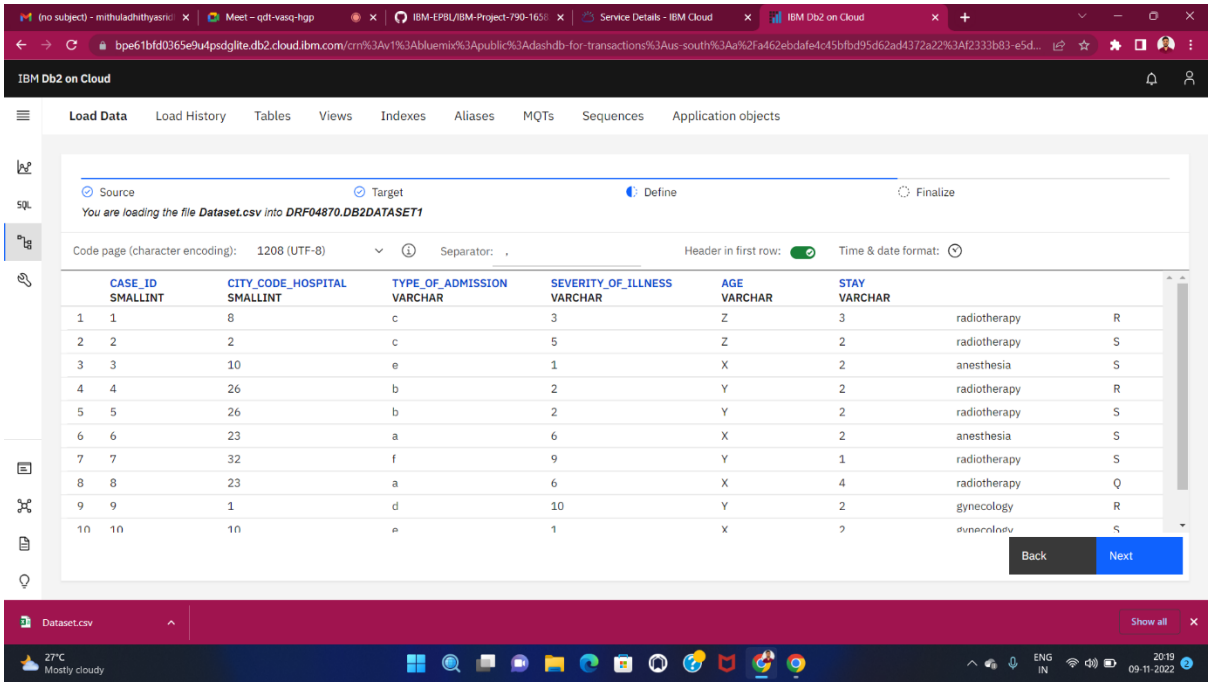
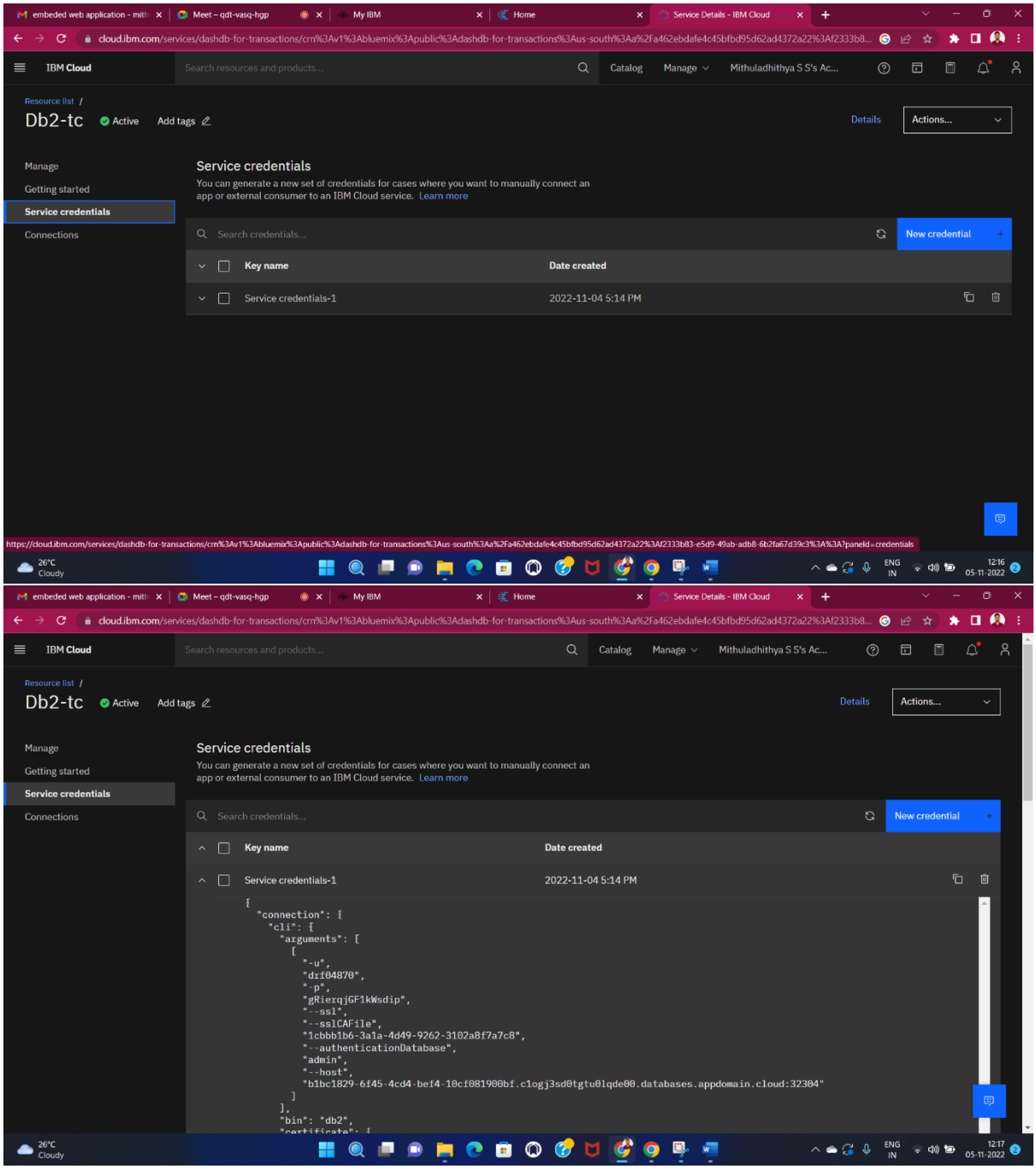
Source
Target
Define
Finalize
You are loading the file Data Pre-processing.csv into DRF04870.DB2DATASET1
Review settings
Summary
Code page: 1208 (Default)
Separator: , (Default)
Time format: HH:MM:SS (Default)
Date format: YYYY-MM-DD (Default)
Timestamp format: YYYY-MM-DD HH:MM:SS (Default)
String delimiter: (Default)
Option
Maximum number of warnings
1000
Back
Begin Load


IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
Source
Target
Define
Finalize
You are loading the file Dataset.csv into DRF04870.DB2DATASET1
Code page (character encoding): 1208 (UTF-8)
Separator: ,
Header in first row:
Time & date format:
CASE_ID SMALLINT
CITY_CODE_HOSPITAL SMALLINT
TYPE_OF_ADMISSION VARCHAR
SEVERITY_OF_ILLNESS VARCHAR
AGE VARCHAR
STAY VARCHAR
1 1 8 c 3 Z 3 radiotherapy R
2 2 2 c 5 Z 2 radiotherapy S
3 3 10 e 1 X 2 anesthesia S
4 4 26 b 2 Y 2 radiotherapy R
5 5 26 b 2 Y 2 radiotherapy S
6 6 23 a 6 X 2 anesthesia S
7 7 32 f 9 Y 1 radiotherapy S
8 8 23 a 6 X 4 radiotherapy Q
9 9 1 d 10 Y 2 gynecology R
Back
Next
Dataset.csv
Show all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Service credentials
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Search credentials...
New credential
Key name
Date created
Service credentials-1
2022-11-04 5:14 PM
https://cloud.ibm.com/services/dashdb-for-transactions/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fa462ebdafe4c45bfbd95d62ad4372a22%3Af2333b83-e5d9-49ab-adb8-6b2fa67d39c3%3A%3A?paneId=credentials
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You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. Learn more
Search credentials...
New credential
Key name
Date created
Service credentials-1
2022-11-04 5:14 PM
{
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"cli": {
"arguments": [
[
"-u",
"drf04870",
"-p",
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"--host",
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]
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"certificate": {
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Cloudy
ENG
IN
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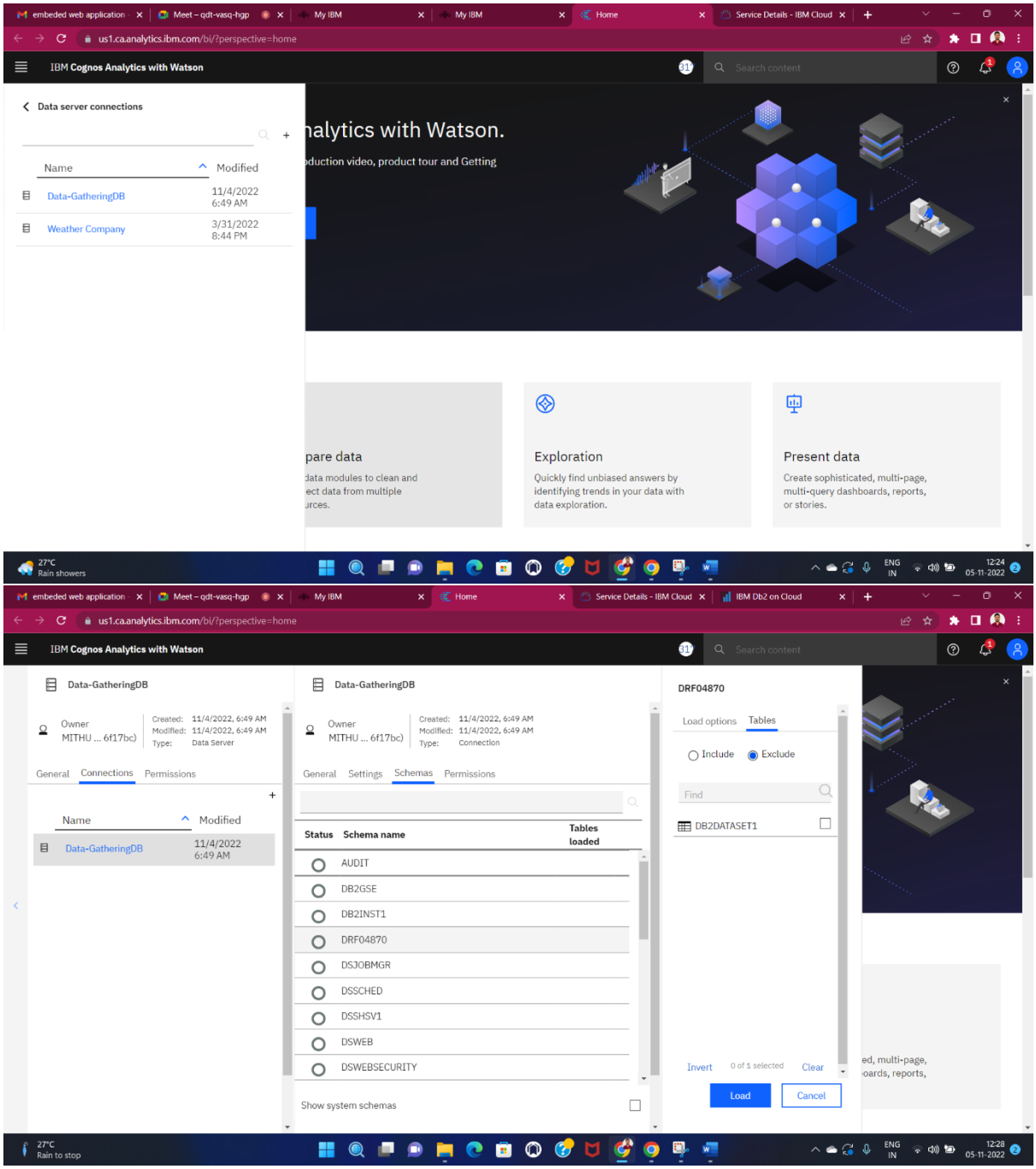
05-11-2022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Data server connections
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Data-GatheringDB
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Exploration
Quickly find unbiased answers by identifying trends in your data with data exploration.
Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

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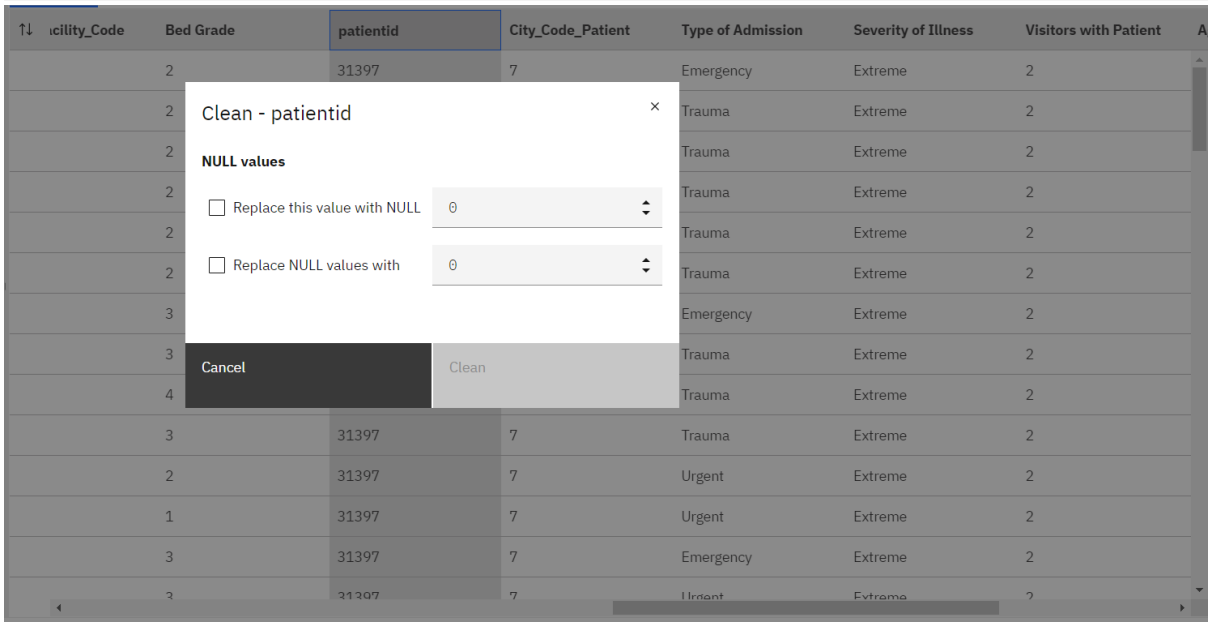
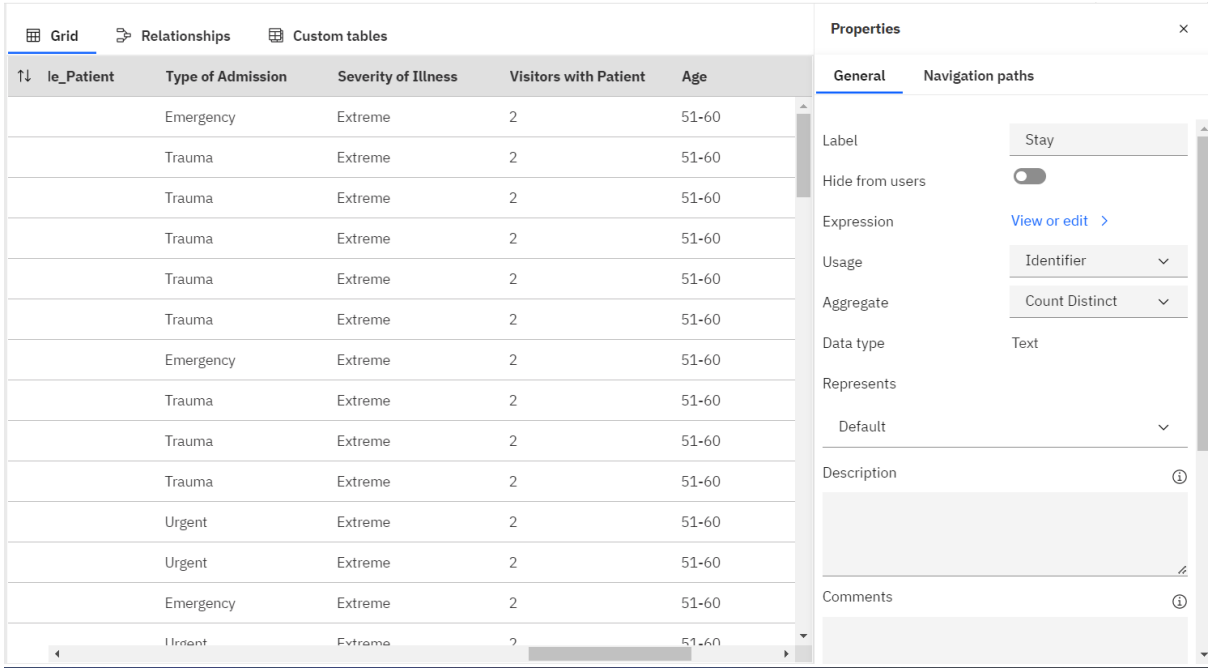
Data-GatheringDB
Owner MITHU ... 6f17bc)
Created: 11/4/2022, 6:49 AM
Modified: 11/4/2022, 6:49 AM
Type: Data Server
General
Connections
Permissions
Name
Modified
Data-GatheringDB
11/4/2022 6:49 AM
Data-GatheringDB
Owner MITHU ... 6f17bc)
Created: 11/4/2022, 6:49 AM
Modified: 11/4/2022, 6:49 AM
Type: Connection
General
Settings
Schemas
Permissions
Status
Schema name
Tables loaded
AUDIT
DB2GSE
DB2INST1
DRF04870
DSJOBMGR
DSSCHED
DSSHSV1
DSWEB
DSWEBSECURITY
Show system schemas
DRF04870
Load options
Tables
Include
Exclude
Find
DB2DATASET1
Invert
0 of 1 selected
Clear
Load
Cancel

Grid | Relationships | Custom tables

Row Id	case_id	Hospital_code	Hospital_type_code	City_Code_Hospital	Hospital_region_code	Available E...in Ho
1	1	8	c	3	Z	3
2	2	2	c	5	Z	2
3	3	10	e	1	X	2
4	4	26	b	2	Y	2
5	5	26	b	2	Y	2
6	6	23	a	6	X	2
7	7	32	f	9	Y	1
8	8	23	a	6	X	4
9	9	1	d	10	Y	2
10	10	10	e	1	X	2
11	11	22	g	9	Y	2
12	12	26	b	2	Y	4
13	13	16	c	3	Z	2



cility_Code	Bed Grade	patientid	City_Code_Patient	Type of Admission	Severity of Illness	Visitors with Patient	A
	2	31397	7	Emergency	Extreme	2	
	2			Trauma	Extreme	2	
	2			Trauma	Extreme	2	
	2			Trauma	Extreme	2	
	2			Trauma	Extreme	2	
	2			Trauma	Extreme	2	
	3			Emergency	Extreme	2	
	3			Trauma	Extreme	2	
	4			Trauma	Extreme	2	
	3	31397	7	Trauma	Extreme	2	
	2	31397	7	Urgent	Extreme	2	
	1	31397	7	Urgent	Extreme	2	
	3	31397	7	Emergency	Extreme	2	
	3	31397	7	Urgent	Extreme	2	


Grid
Relationships
Custom tables
le_Patient
Type of Admission
Severity of Illness
Visitors with Patient
Age
Emergency Extreme 2 51-60
Trauma Extreme 2 51-60
Trauma Extreme 2 51-60
Trauma Extreme 2 51-60
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Emergency Extreme 2 51-60
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Trauma Extreme 2 51-60
Urgent Extreme 2 51-60
Urgent Extreme 2 51-60
Emergency Extreme 2 51-60
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Count Distinct
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Description
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