

# DATA GATHERING AND DATA PRE-PROCESSING

Team ID	PNT2022TMID37553
Project Name	Analytics for Hospital Health Data

The image displays two screenshots of the Kaggle website. The top screenshot shows the Kaggle Datasets homepage. The left sidebar contains navigation links: Home, Competitions, Datasets, Code, Discussions, Learn, More, Your Work, and Recently Viewed. The main content area features a search bar, a 'New Dataset' button, and a 'Your Work' button. Below these are filters for various categories like Computer Science, Education, Classification, etc. A section titled 'Trending Datasets' lists four datasets: 'Amazon Reviews on Women Dresses' (updated 6 days ago), 'Video Game Sales by Genre' (updated 4 days ago), 'Vehicle Models' (updated 23 days ago), and 'Diets, Recipes And Their Nutrients' (updated 17 days ago). The bottom screenshot shows the user profile page for 'mithuladhithya'. The left sidebar is identical to the first screenshot. The main content area shows the user's account details, including their name, email address, phone verification status, and email preferences. There are also buttons for 'Create New API Token' and 'Expire API Token'.

Colaboratory interface showing a Jupyter Notebook with the following code:

```
[1] !pip install -q kaggle
[2] !mkdir ~/.kaggle
[3] !cp kaggle.json ~/.kaggle/
[4] !kaggle datasets download -d mithuladhithya/data-gathering
```

Warning: Your Kaggle API key is readable by other users on this system! To fix this, you can download data-gathering.zip to /content and then unzip it.

Download progress: 0% 0.00/1.18M [00:00<?, 78/s] to 100% 1.18M/1.18M [00:00<00:00, 104MB/s]

Table of contents:

- Section

IBM Cloud Dashboard interface showing various resources and products.

Dashboard

For you

- Build**: Explore IBM Cloud with this selection of easy starter tutorials and services.
- Use Watson Studio**: Watson Studio provides a suite of tools and a collaborative environment for data scientists, developers and domain experts. (Popular, 2 min)
- Set up your IBM Cloud account**: Learn how to set up your IBM Cloud account, manage your account settings, organize resources, and control access to those resources. (Getting started, 10 min)
- Explore tutorials**: Try out a variety of tutorials to get you started with IBM Cloud or help you with more complex scenarios. (Getting started, 10 min)
- Discover the Watson Internet of Things (IoT) Platform**: Use the built-in web console dashboards to monitor your IoT data and analyze it in real time. (Getting started, 10 min)
- Build a web app with Watson Speech to Text**: Deploy a conversational interface compatible with any application, device, or channel. (Getting started, 15 min)

News

- TrustRadius Best Software: Five IBM Offerings to Make the List
- Announcing IBM Cloud Pak for Network Automation Version 2.4
- No Prerequisites for IBM Cloud Certifications
- IBM Tech Now: October 24, 2022

Recent support cases

Planned maintenance

IBM Cloud status

embedded web application xMeet - qdt-vasq-hgp xMy IBM xHome xDownload xResource list - IBM Cloud x

cloud.ibm.com/resources

Skip to contentSearch resources and products...CatalogManageMithuladhithya S S's Ac...

Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...	Filter by group or org...	Filter...	Filter...	Filter...	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

26°C Cloudy

embedded web application xMeet - qdt-vasq-hgp xMy IBM xHome xDownload xService Details - IBM Cloud x

cloud.ibm.com/services/dashdb-for-transactions/cm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fa462ebd4e4c45bfb95d62ad4372a22%3Af2333b8...

IBM CloudSearch resources and products...CatalogManageMithuladhithya S S's Ac...

Resource list / Db2-tcActiveAdd tags

DetailsActions...

Manage

Getting startedService credentialsConnections

Getting started

Where can I find my credentials?  
Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".  
Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

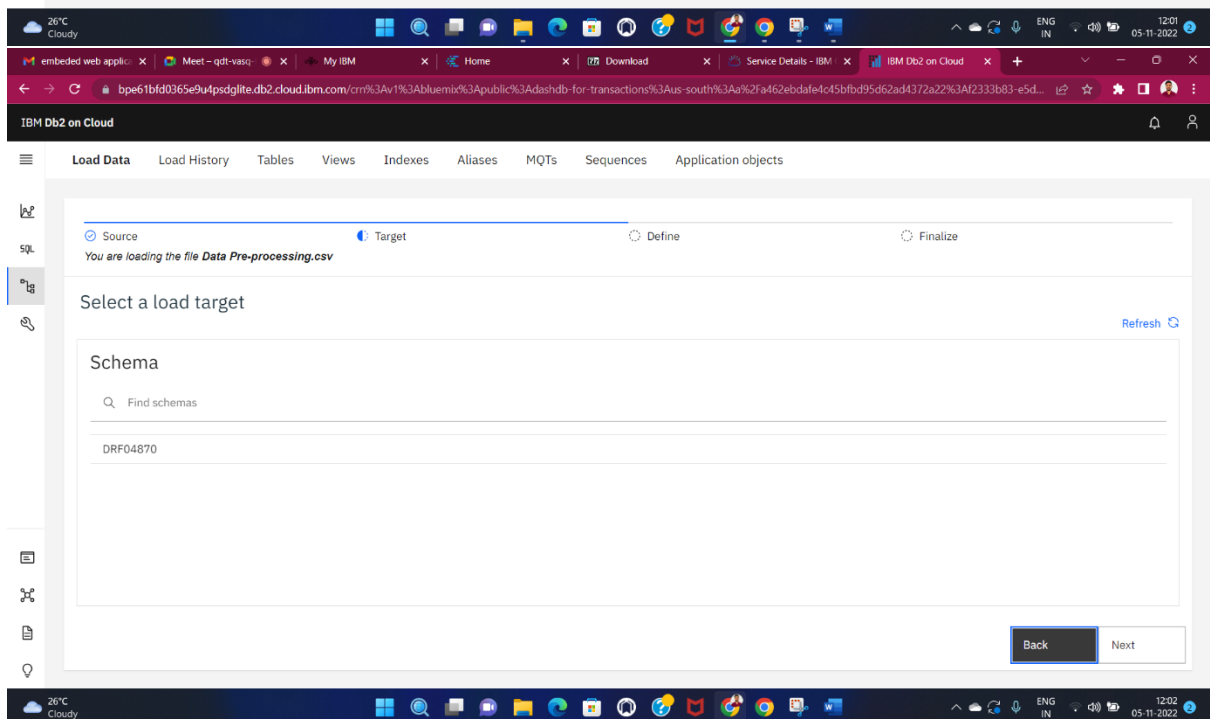
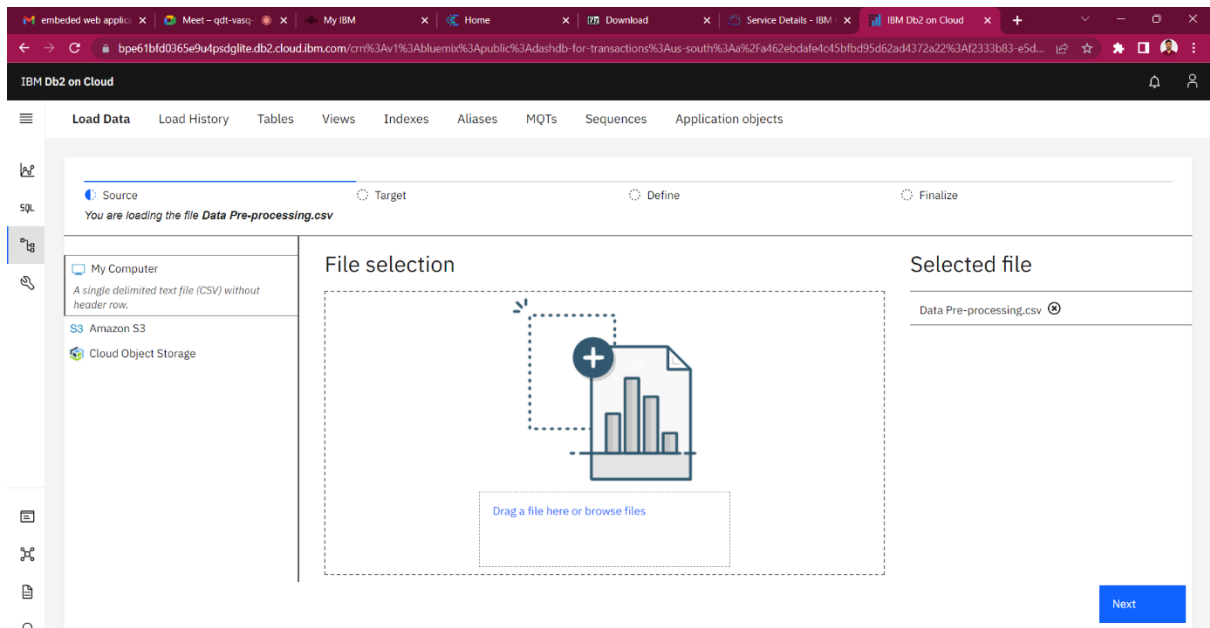
Go to UIGetting started docs

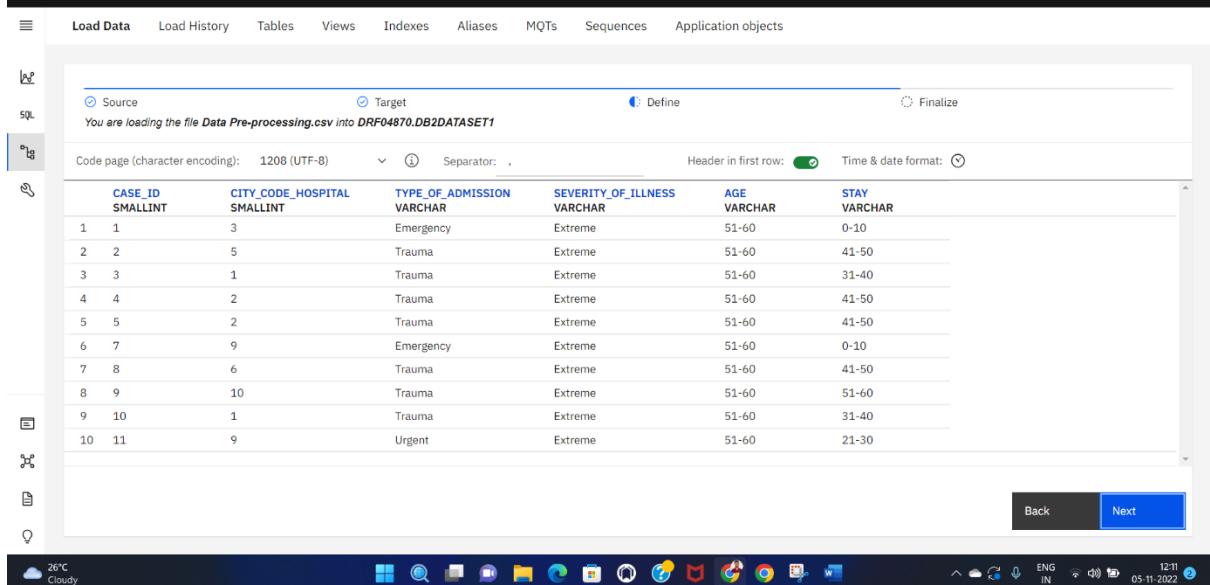
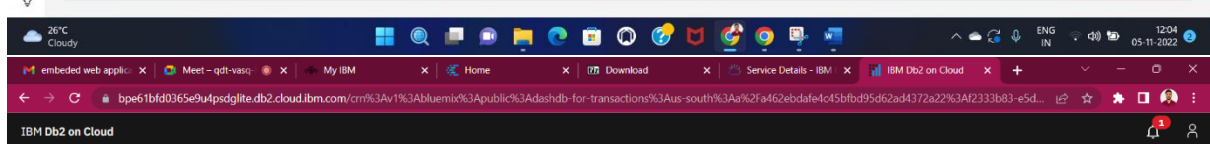
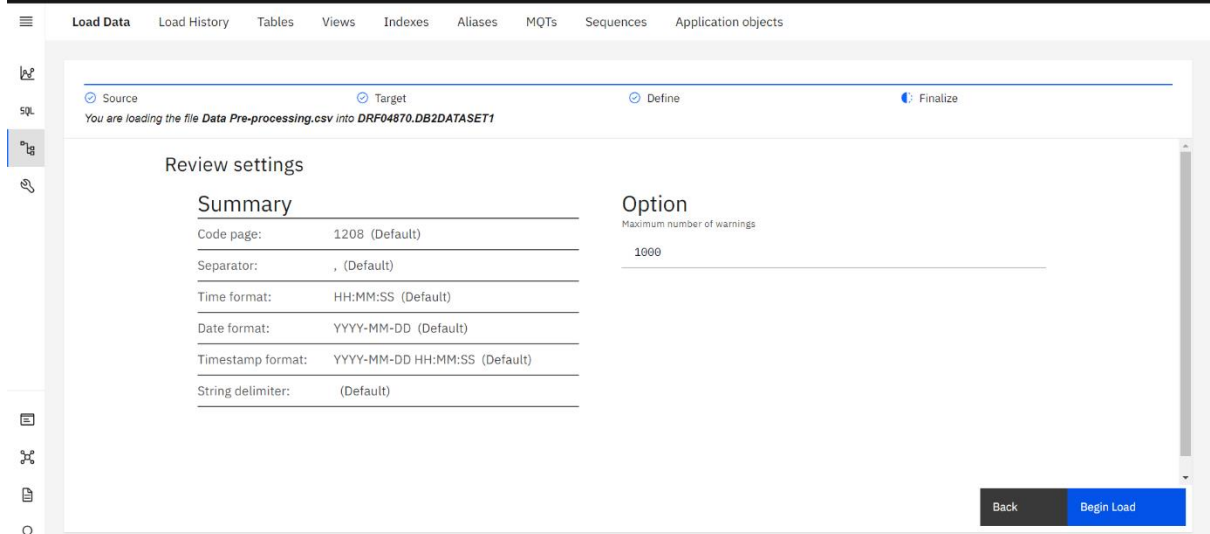
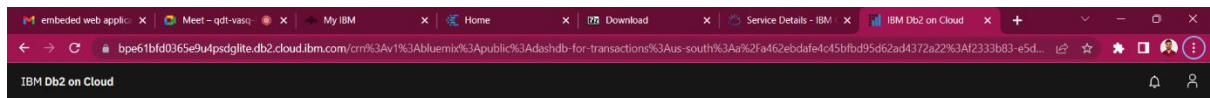
Need help?

Submit a IBM Cloud Support Case to our team.

Support case

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Resource list /

Db2-tc

Active

Add tags

Details

Actions...

Manage

Getting started

Service credentials

Connections

Service credentials

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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Cloudy

12:16

05-11-2022

https://cloud.ibm.com/services/dashdb-for-transactions/cm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fa462ebd4fe4c45bfd95d62ad4372a22%3A2333b8...panelId=credentials

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Search credentials...

New credential

Key name	Date created	
Service credentials-1	2022-11-04 5:14 PM	

```
{
  "connection": {
    "cli": {
      "arguments": [
        "-u",
        "dri04870",
        "-p",
        "gRierqjGF1kWsdiP",
        "--ssl",
        "--sslCAFile",
        "1cbb1b6-3a1a-4d49-9262-3182a8f7a7c8",
        "-authenticationDatabase",
        "admin",
        "--host",
        "b1bc1829-6145-4cd4-be14-18cf081900bf.clogj3sd0tgtu0lqde00.databases.appdomain.cloud:32304"
      ]
    },
    "bin": "db2",
    "authentication": {

```

26°C

Cloudy

12:17

05-11-2022

IBM Cognos Analytics with Watson

Search content

### Data server connections

Name	Modified
Data-GatheringDB	11/4/2022 6:49 AM
Weather Company	3/31/2022 8:44 PM

## Analytics with Watson.

Production video, product tour and Getting

**Prepare data**

data modules to clean and select data from multiple sources.

**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.

IBM Cognos Analytics with Watson

Search content

### 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
<input type="radio"/>	AUDIT	
<input type="radio"/>	DB2GSE	
<input type="radio"/>	DB2INST1	
<input type="radio"/>	DRF04870	
<input type="radio"/>	DSJOBMGR	
<input type="radio"/>	DSSCHED	
<input type="radio"/>	DSSHVS1	
<input type="radio"/>	DSWEB	
<input type="radio"/>	DSWEBSECURITY	

Show system schemas

### DRF04870

Load options: **Tables**

☐ Include ☒ Exclude

Find

DB2DATASET1 ☐

Invert 0 of 1 selected Clear

**Load** **Cancel**