

AI-based localization and classification of skin disease with erythema

TEAM ID:

PNT2022TMID53472

ABISHEK V

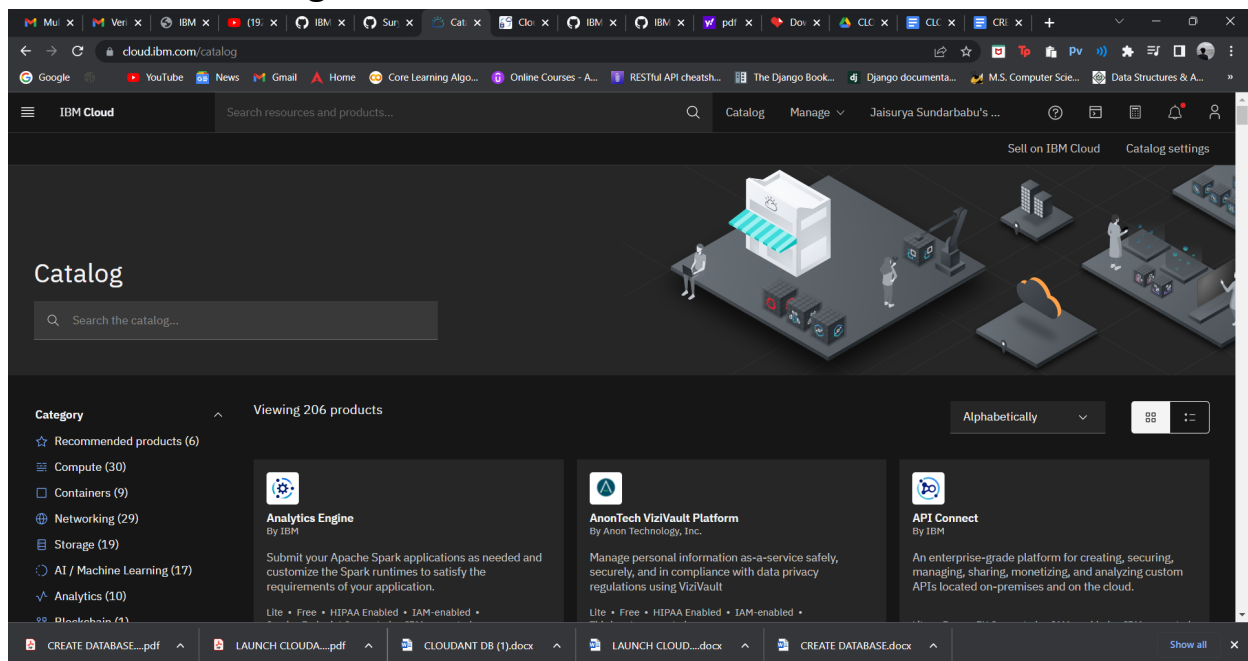
BHUVANESHWARI

JAISURYA S

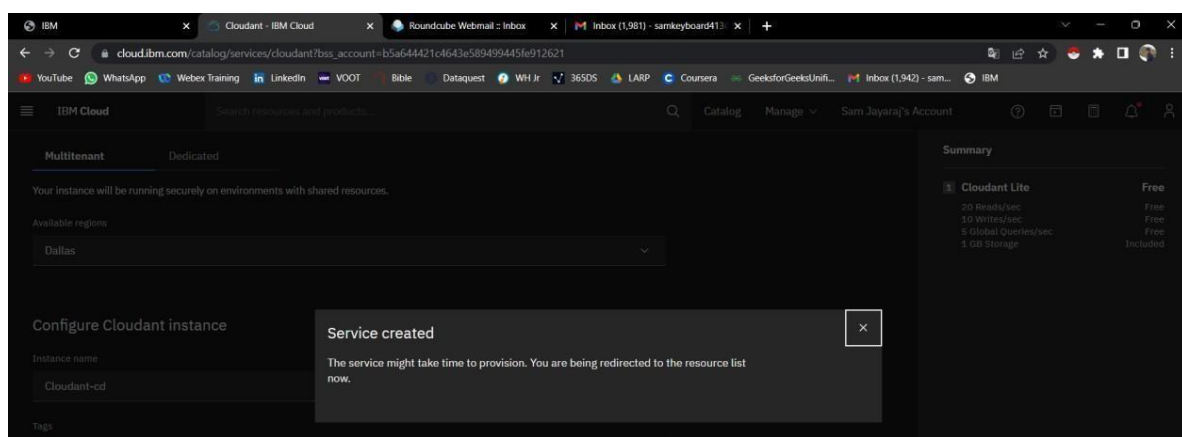
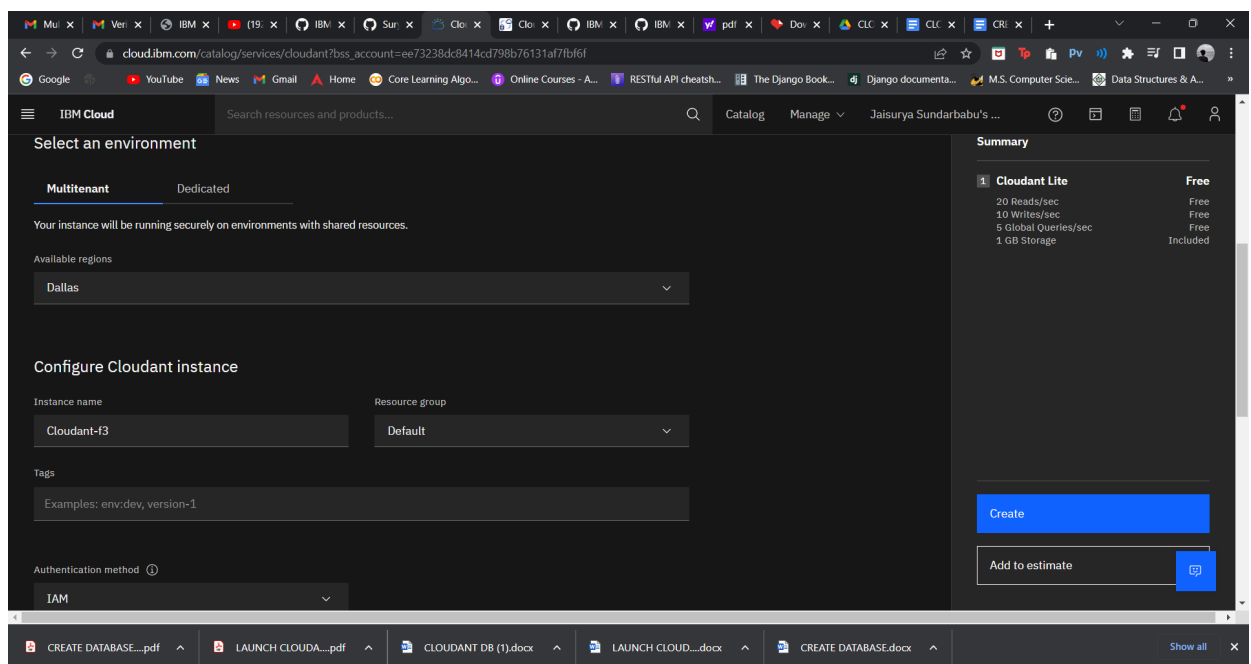
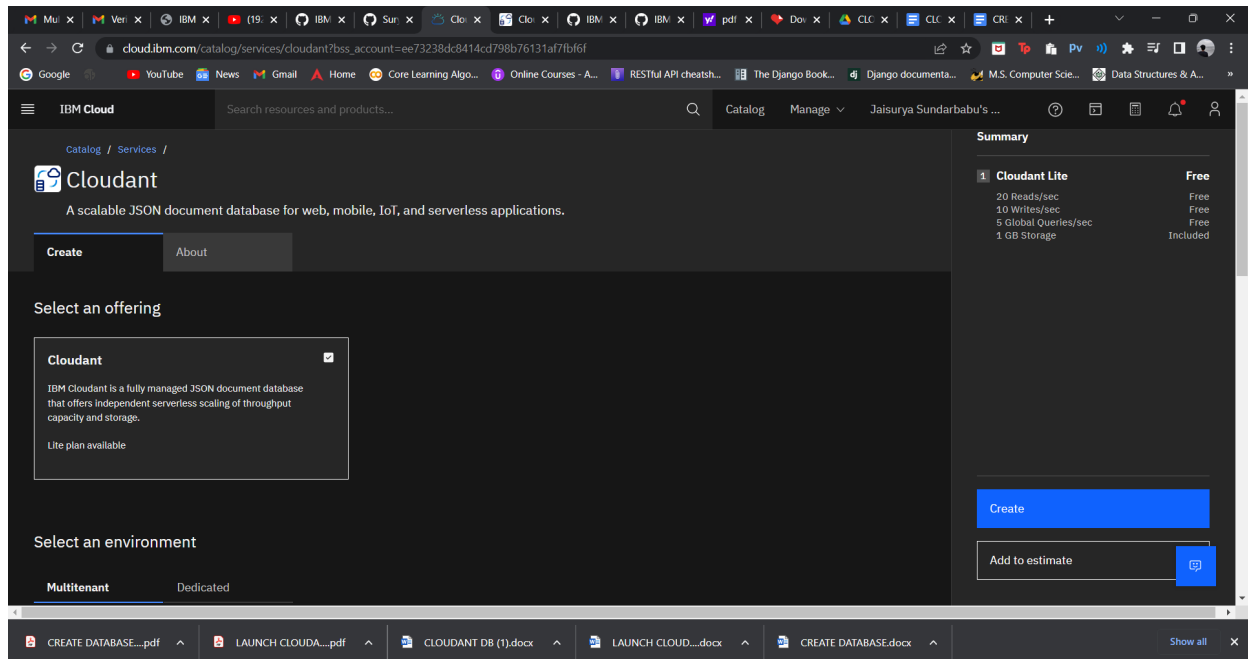
MAGESH S

Cloudant DB

First, we have registered to IBM Cloud.



Creating service instance



Resource list activation

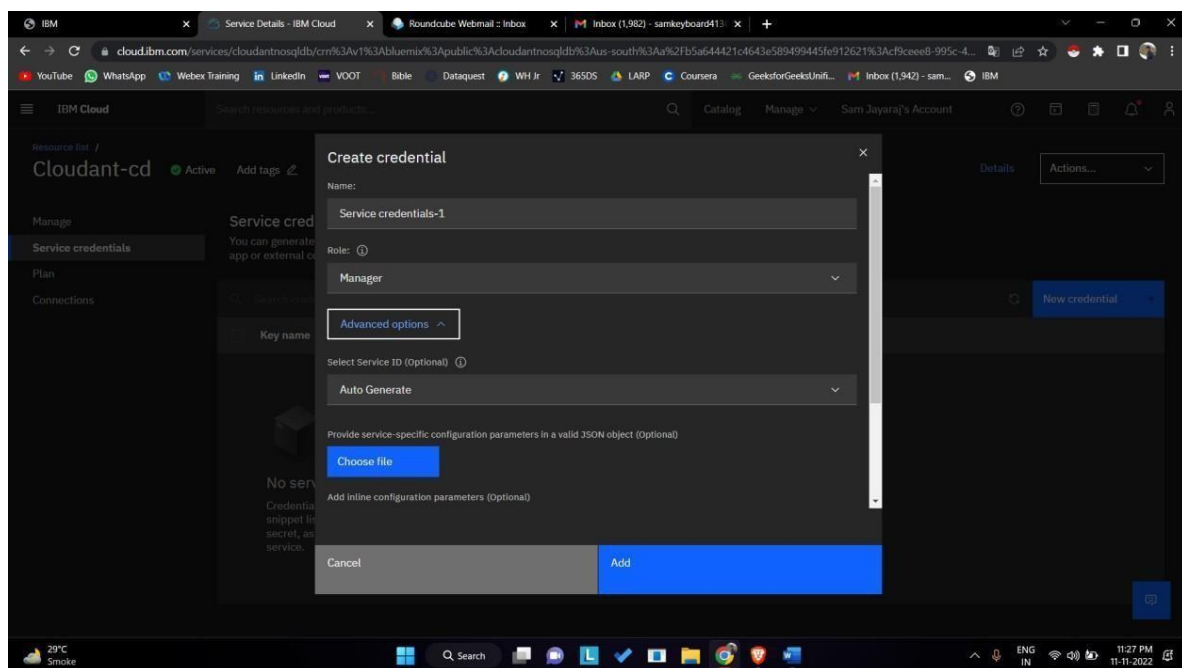
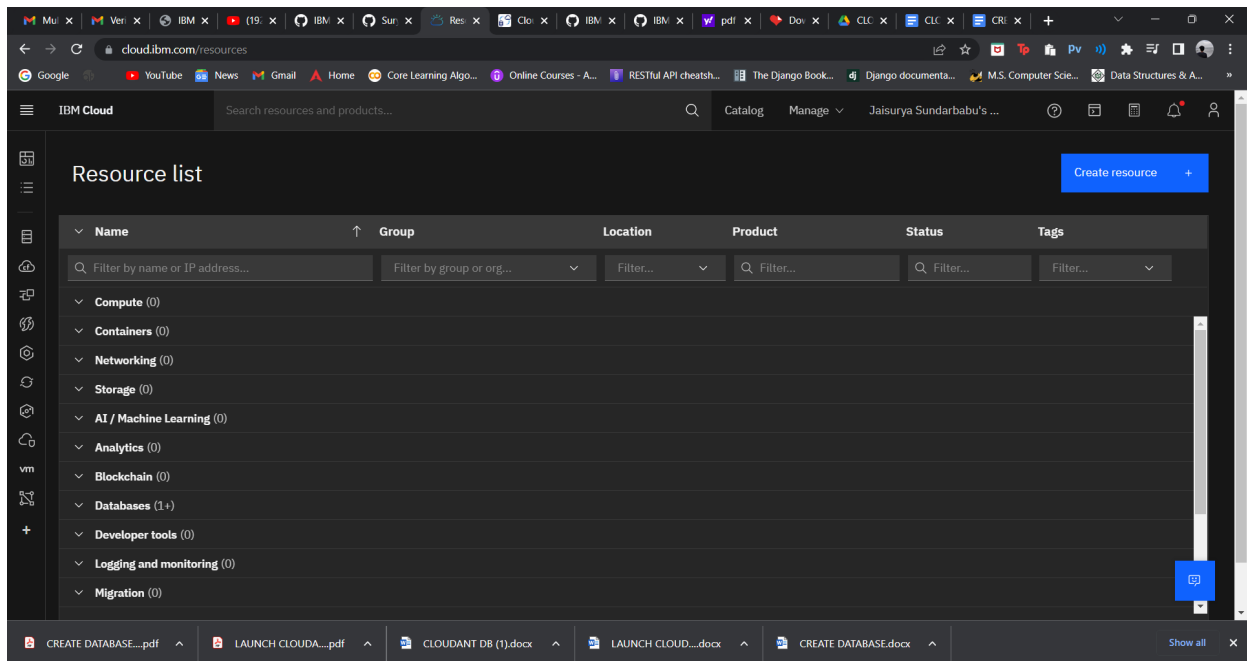
The screenshot shows the IBM Cloud 'Resource list' page. The page has a dark theme and a sidebar on the left with navigation icons. The main content area displays a table of resources. The table has columns: Name, Group, Location, Product, Status, and Tags. The 'Cloudant-cd' resource is highlighted in blue. Below the table, there are several expandable sections for different categories: Storage (0), AI / Machine Learning (0), Analytics (0), Blockchain (0), Databases (1), Developer tools (0), Logging and monitoring (0), Migration (0), Integration (0), and Internet of Things (0). The 'Cloudant-cd' resource is listed under the 'Databases' category. The status of the resource is 'Active'.

Name	Group	Location	Product	Status	Tags
Cloudant-cd	Default	Dallas	Cloudant	Active	—

The screenshot shows the 'Cloudant-cd' resource details page. The page has a dark theme and a sidebar on the left with navigation icons. The main content area displays the 'Deployment details' section. The details include: CRN, Location, External endpoint, External endpoint (preferred), Authentication methods, Activity Tracker event types, and Disk encryption. The 'Cloudant-cd' resource is highlighted in blue. The status of the resource is 'Active'.

Deployment details	
CRN	crm:yl1:bluemix:public:cloudantnosqldb:us-south:a/b5a644421c4643e589499445fe912621:cf9cee8-995c-436e-a8a5-9e22b119795::
Location	Dallas
External endpoint	https://2a26bfb3-2c4e-4c03-a4ba-713846f07b4f-bluemix.cloudant.com
External endpoint (preferred)	https://2a26bfb3-2c4e-4c03-a4ba-713846f07b4f-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM
Activity Tracker event types	
Disk encryption	Yes. Automatically generated disk encryption key.

Creating Service Credentials



IBM Cloud

Search resources and products...

CatalogManageJaisurya Sundarbabu's ...

Resource list /

Cloudant-ygActiveAdd tags

DetailsActions...

Manage

OverviewCapacityDocs

Launch Dashboard

Service credentials

Plan

Connections

Deployment details

CRN

crn:v1:bluemix:public:cloudantnosqldb:us-south:a/ee73238dc8414cd798b76131af7fbf6f:0fafba74-a540-4447-b8a0-d794b3161256::

Location

Dallas

External endpoint

<https://9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix.cloudant.com>

External endpoint (preferred)

<https://9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods

IBM Cloud IAM

Activity Tracker event types

ManagementSave

Disk encryption

Yes. Automatically generated disk encryption key.

CREATE DATABASE....pdf

LAUNCH CLOUDA....pdf

CLOUDANT DB (1).docx

LAUNCH CLOUD....docx

CREATE DATABASE.docx

Show all

IBM Cloud

Search resources and products...

CatalogManageJaisurya Sundarbabu's ...

Resource list /

Cloudant-ygActiveAdd tags

DetailsActions...

Manage

Service credentials

Plan

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

2022-11-17 9:15 PM

```
{
  "apikey": "59zghv501M0J04Yky7EhY_XbkEEyf8IIz8By34kd0zWK",
  "host": "9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-south:a/ee73238dc8414cd798b76131af7fbf6f:0fafba74-a540-4447-b8a0-d794b3161256:resource-key:e397ce31-3cab-4857-b767-1518bb4c6f08",
  "iam_apikey_name": "Service credentials-1",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/ee73238dc8414cd798b76131af7fbf6f::serviceid:ServiceId-lfddc8f4-56cb-4612-8b5a-7fc6f9ff17b4",
  "url": "https://9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix"
}
```

CREATE DATABASE....pdf

LAUNCH CLOUDA....pdf

CLOUDANT DB (1).docx

LAUNCH CLOUD....docx

CREATE DATABASE.docx

Show all

Launching Cloudant DB

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM logo, a search bar, and links for Catalog, Manage, and Jaisurya Sundarbabu's profile. The main content area displays the 'Cloudant-yg' service, which is 'Active'. The 'Overview' tab is selected, showing deployment details. A 'Launch Dashboard' button is visible in the top right corner of the details panel.

Cloudant-yg Active [Add tags](#)

Deployment details

CRN	crm-v1:bluemix:public:cloudantnosqldb:us-south:a/ee73238dc8414cd798b76131af7fb6f0fatba74-a540-4447-b8a0-d794b3161256::
Location	Dallas
External endpoint	https://9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix.cloudant.com
External endpoint (preferred)	https://9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM
Activity Tracker event types	Management Save
Disk encryption	Yes. Automatically generated disk encryption key.

The screenshot shows the Cloudant Dashboard interface. The top navigation bar includes the IBM logo, a search bar, and links for Database name, Create Database, and a notification bell. The main content area displays the 'Your Databases' section, which is currently empty. A table header is visible, and the bottom of the page shows a status bar with the text 'Showing 1-0 of 0 databases.' and 'Databases per page 20'.

Databases

Database name Create Database { } 350N

Your Databases

Name	Size	# of Docs	Partitioned	Actions
------	------	-----------	-------------	---------

Showing 1-0 of 0 databases. Databases per page 20

Creating Database

```
Python 3.8 (64-bit)
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:37:50) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> from cloudant.client import Cloudant
>>> client=Cloudant.iam('f9477f0b-8afb-4cc8-87de-be3cda3aebd9-bluemix','_GEL-0DBs-R8T6msJoTCVTIeoygra8oMX-vEGp1s_UK7',connect=True)
>>> my_database=client.create_database('skin_erythema')
>>>
```

Multi x

Veril x

IBM x

IBM x

Sury x

Serv x

Clou x

IBM x

IBM x

pdf x

Dow x

CRE x

CRE x

+ x

9edde44c-8033-47db-aa9b-34ac18aeb5bf-bluemix.cloudant.com/dashboard.html

Google YouTube News Gmail Home Core Learning Algo... Online Courses - A... RESTful API cheatsh... The Django Book... Django documenta... M.S. Computer Scie... Data Structures & A...

Databases

Database name

Create Database

{ } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
jaisurya_database	0 bytes	0	No	<div></div>
skin_erythema	0 bytes	0	No	<div></div>

Showing 1-2 of 2 databases. Databases per page 20 1 »

Log Out

LAUNCH CLOUD...pdf CLOUDANT DB (1).docx LAUNCH CLOUD...docx CREATE DATABASE.docx

Show all