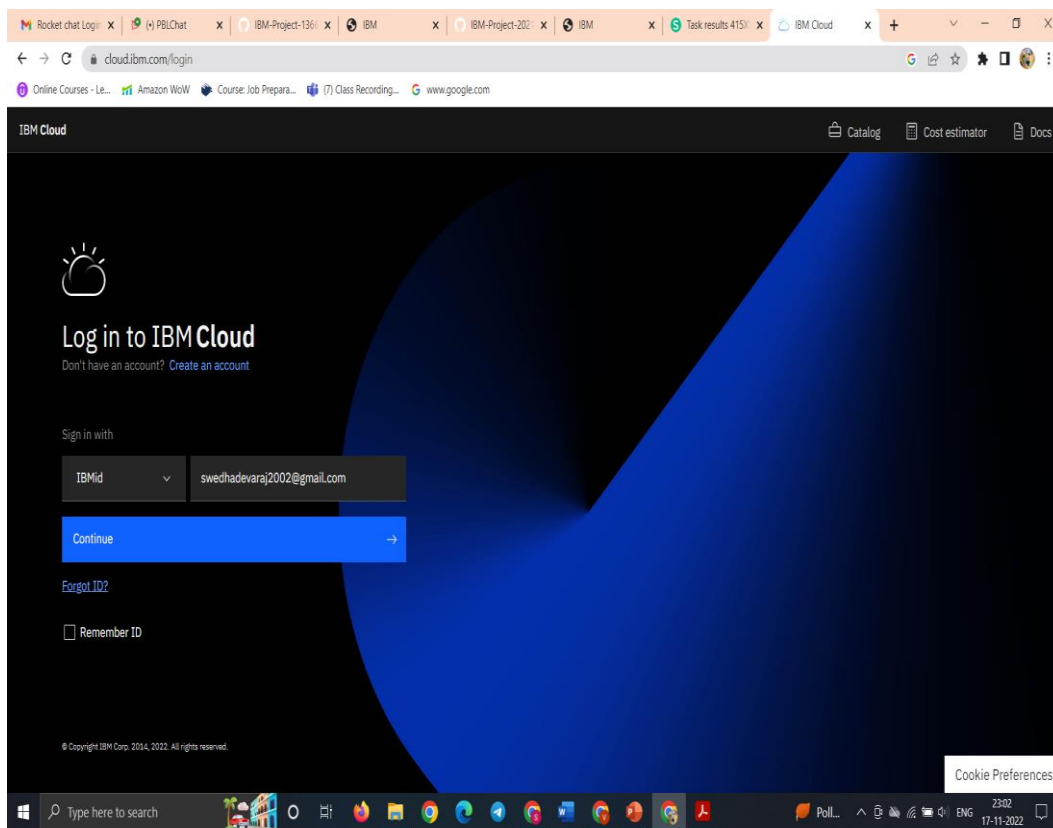


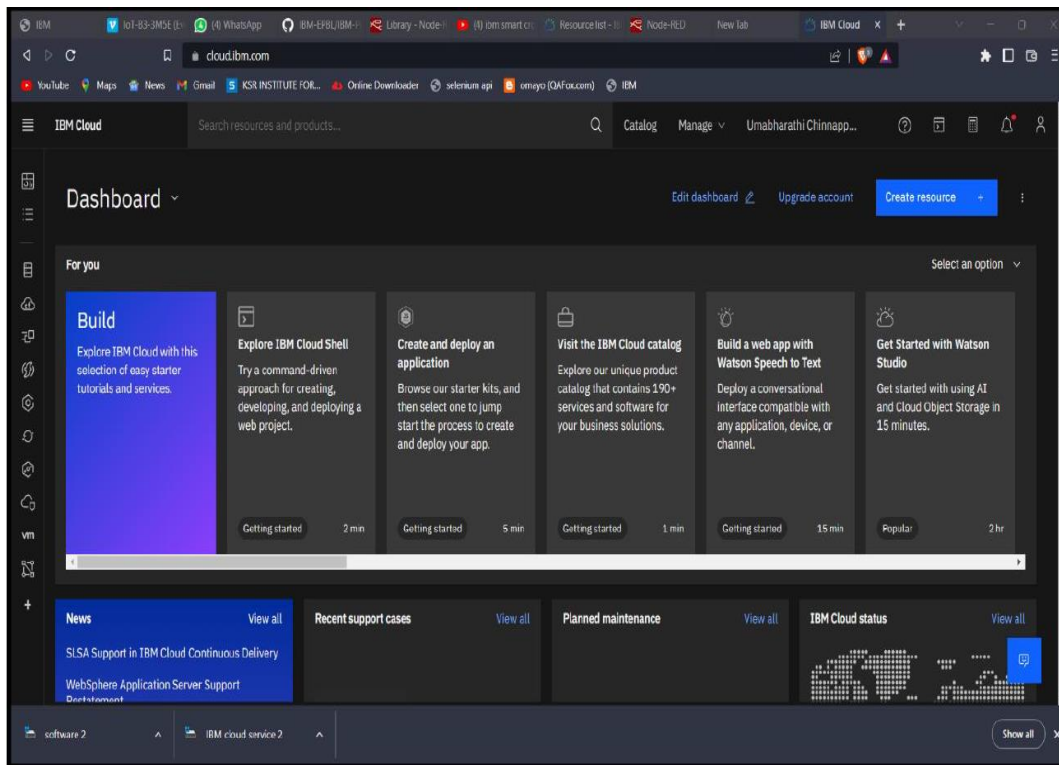
## PRE REQUISTIES IBM CLOUD SERVICES

TEAM ID	PNT2022TMID20272
PROJECT NAME	IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

### STEP 1:

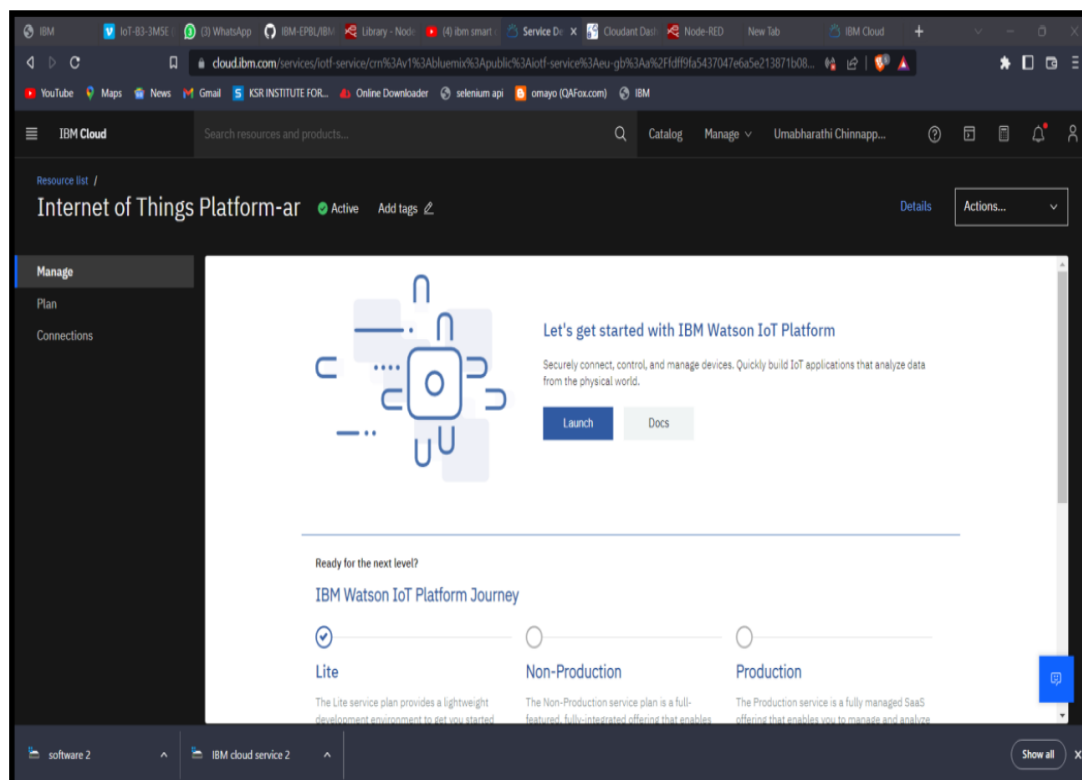
Create your IBM cloud account using web mail and password using <http://ibm.com/academic/home> URL. Then sign in your username and password.





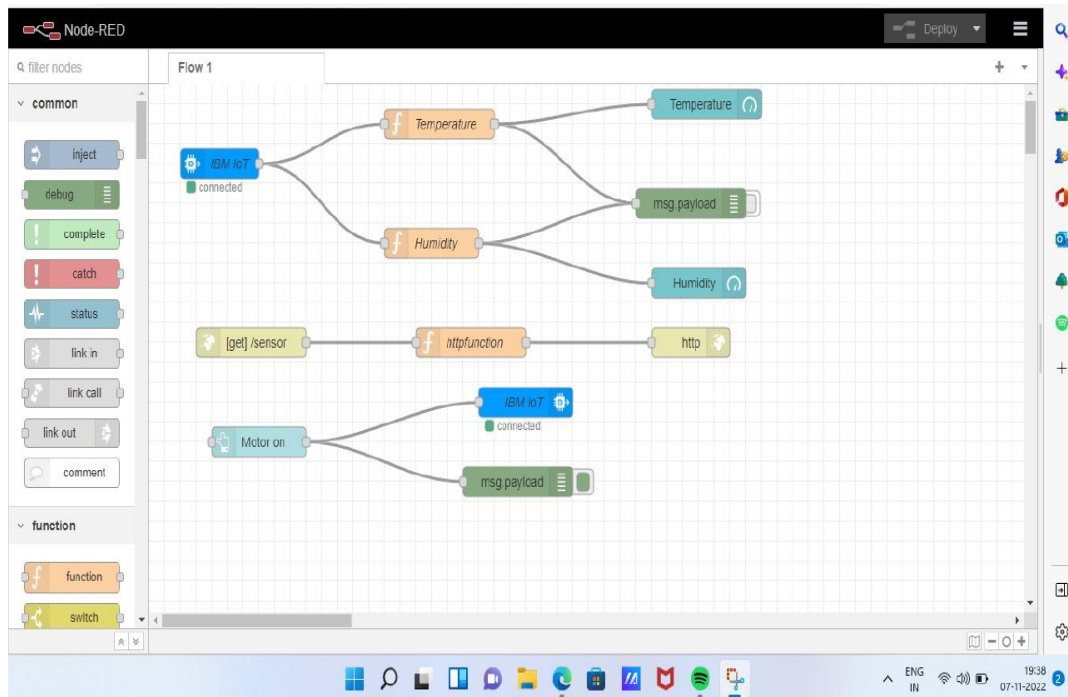
## STEP 2:

Next search IBM IoT Watson platform. Then create IBM IoT Watson and launch it.



### STEP 3:

Next search Node-Red service in search bar. Then create Node-Red account and launch Node-Red service. It shows the dashboard of Node-Red service.



### STEP 4:

Open [node-red-yychd-2022--cloudant-1667643063389-1946](https://node-red-yychd-2022--cloudant-1667643063389-1946) open this link.

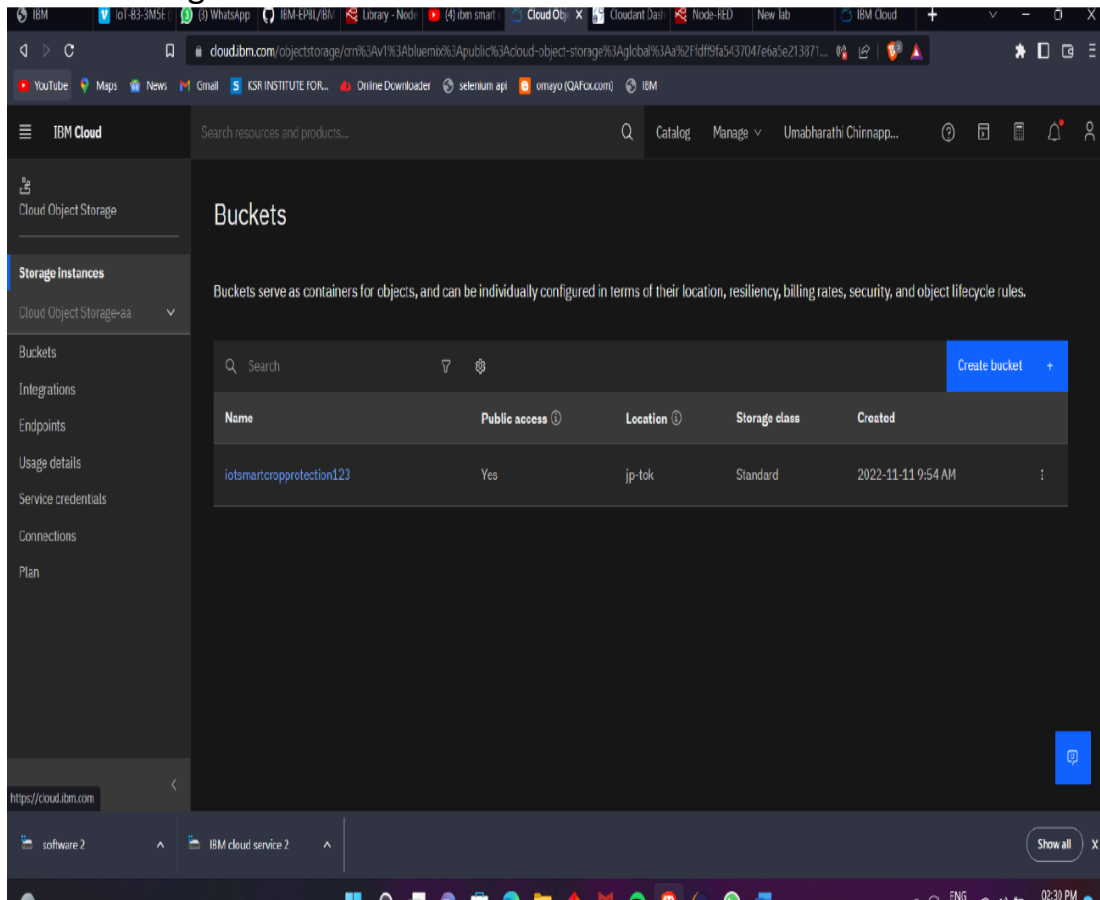
The screenshot shows the IBM Cloudant Databases dashboard. The top navigation bar includes a search bar, a 'Create Database' button, and a 'JSON' icon. The main content area is titled 'Your Databases' and contains a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
noderedekeny20221114	2.3 KB	2	No	[Icons for edit, delete, and other actions]

At the bottom of the dashboard, it says 'Showing 1-1 of 1 databases. Databases per page 20'. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 19:38 on 07-11-2022.

## STEP 5:

Search object storage in search bar, then click object storage. Click create button in bottom right corner.



The screenshot shows the IBM Cloud Object Storage Buckets page. The left sidebar contains navigation links: Cloud Object Storage, Storage Instances, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'Buckets' and includes a description: 'Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.' Below this is a table with the following data:

Name	Public access ⓘ	Location ⓘ	Storage class	Created
iot-smartcrop-protection123	Yes	jp-tok	Standard	2022-11-11 9:54 AM

A 'Create bucket' button is located in the top right corner of the bucket list area. The bottom of the page shows a taskbar with various application icons and a system clock indicating 02:30 PM.