

TRAIN MODEL ON IBM

Date	17 November 2022
Team ID	PNT2022TMID41636
Project Name	AI -Fertilizers Recommendation SystemFor Disease Prediction

Once a Data Set has been prepared, it can be used to train your deep-learning Model. Once trained, the Models can be deployed for use. Trained Models can be accessed from within an Inspection or directly from the **Models** tab.

Data Set preparation includes:

- Adding labels to images (to train Object Detection Models)

OR

- Adding categories to images (to train Classification Models).

Once this is completed, the **Train Model** option is selected to commence training on the IBM Maximo Visual Inspection server.

To Train a Model:

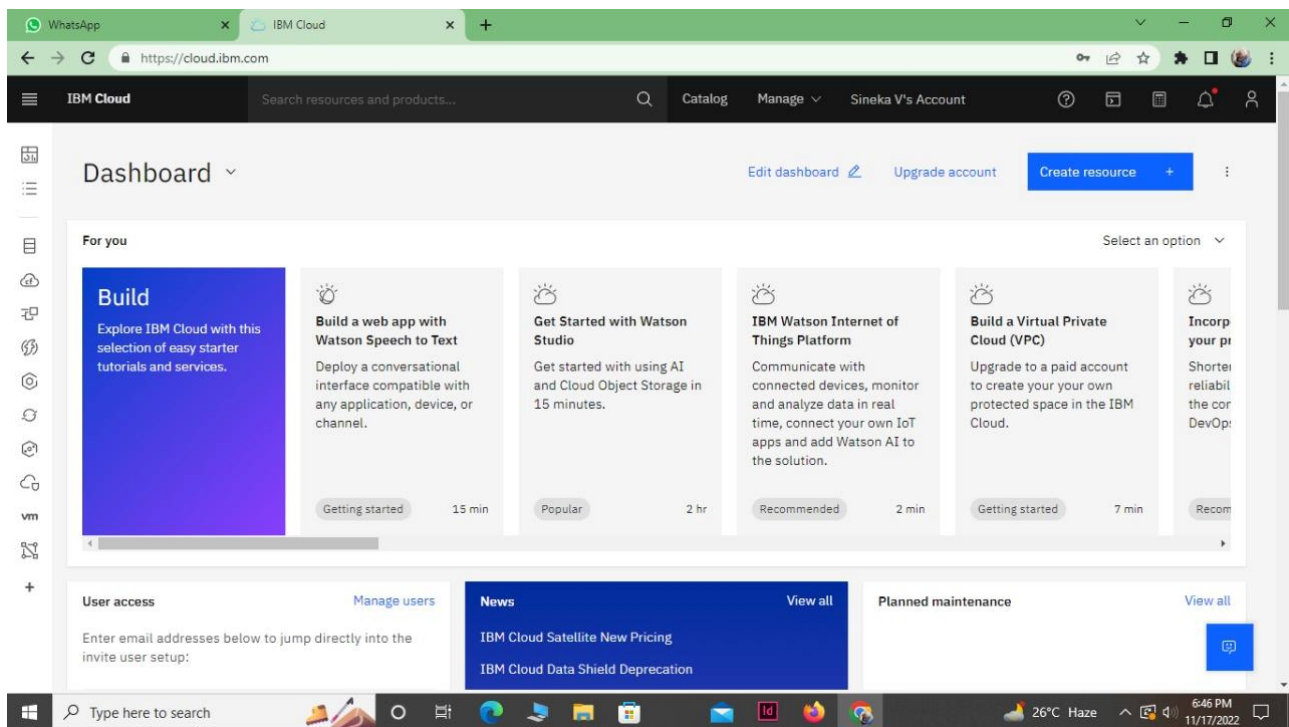
1. Specify a **Model Name**.
2. In the section **Train Model Using**, specify the appropriate **Model Type**, depending on whether you added labels (Object Detection) or categories (Classification) to the images. Even if an image has both labels and categories specified, it will train based on the type selected in this field.

If the selected Model Type supports CoreML (Image Classification with **GoogLeNet**, Object Detection with **Tiny Yolo v2** or **Yolo v3**) then the

trained Model will be available for download on the device for on-device inferencing.

3. Click on **Advanced Settings** to tweak the model training hyper-parameters, including the iteration count. The default value for all the parameters are pre-selected, based on the Support CoreML model used.
4. Click **Done** after specifying all the parameters.

TEAM LEADER-V.SINEKA



WhatsApp

IBM Cloud User

+

https://cloud.ibm.com/user

IBM Cloud

Search resources and products...

Catalog

Manage

Sineka V's Account

Profile

Active sessions

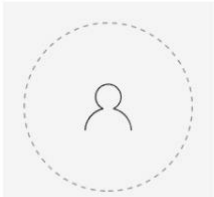
Login settings

Notification preferences

Profile

Contact information

Edit



Upload a photo

User ID

sineka30052002@gmail.com

Password

Email

sineka30052002@gmail.com

Role

Click **Edit** to enter your role.

Name

Sineka V

Industry

Click **Edit** to enter your industry.

Language

English

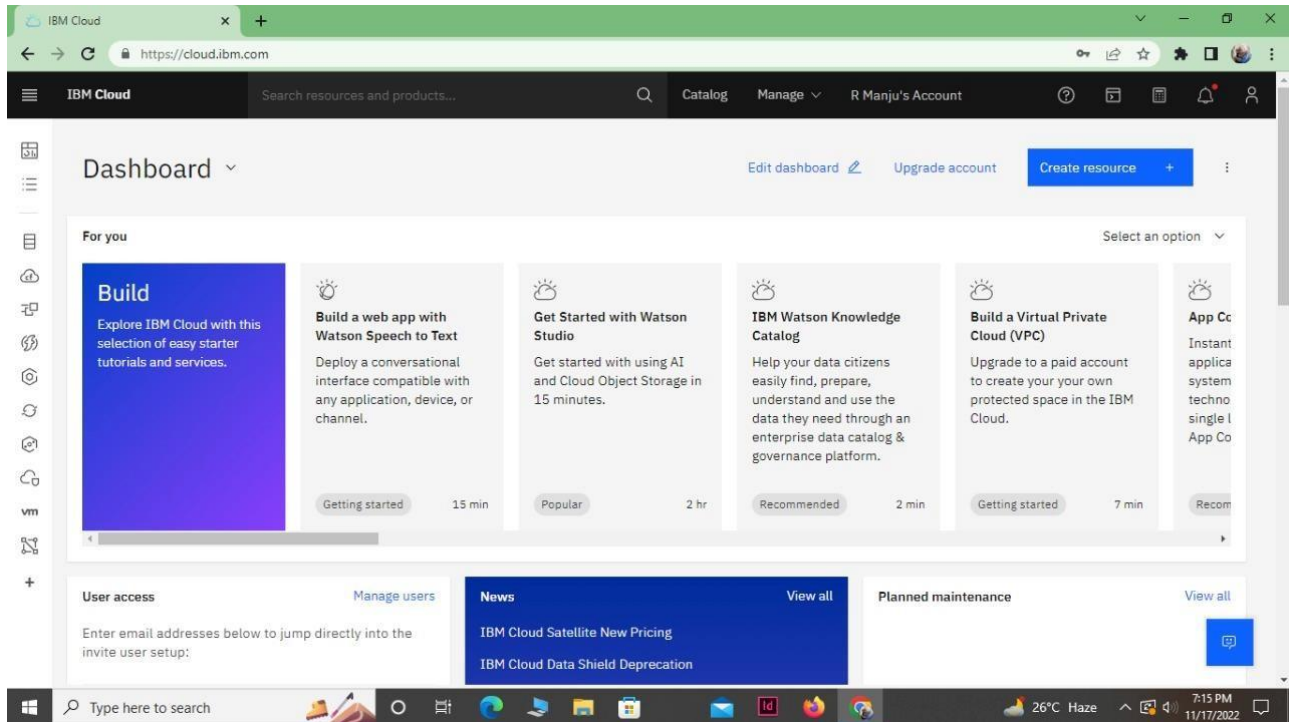
26°C

Haze

6:47 PM

11/17/2022

TEAM MEMBER-R.MANJU



The screenshot shows the IBM Cloud Dashboard in a web browser. The browser's address bar displays "https://cloud.ibm.com". The dashboard header includes the IBM Cloud logo, a search bar, and navigation links for "Catalog", "Manage", and "R Manju's Account". The main content area is titled "Dashboard" and features a "For you" section with several recommended actions, each with a "Getting started" button and a time estimate. Below this, there are sections for "User access", "News", and "Planned maintenance". The Windows taskbar at the bottom shows the system clock as 7:15 PM on 11/17/2022.

IBM Cloud

Search resources and products...

Catalog Manage R Manju's Account

Dashboard

Edit dashboard Upgrade account Create resource

For you

Select an option

Build
Explore IBM Cloud with this selection of easy starter tutorials and services.

Build a web app with Watson Speech to Text
Deploy a conversational interface compatible with any application, device, or channel.
Getting started 15 min

Get Started with Watson Studio
Get started with using AI and Cloud Object Storage in 15 minutes.
Popular 2 hr

IBM Watson Knowledge Catalog
Help your data citizens easily find, prepare, understand and use the data they need through an enterprise data catalog & governance platform.
Recommended 2 min

Build a Virtual Private Cloud (VPC)
Upgrade to a paid account to create your own protected space in the IBM Cloud.
Getting started 7 min

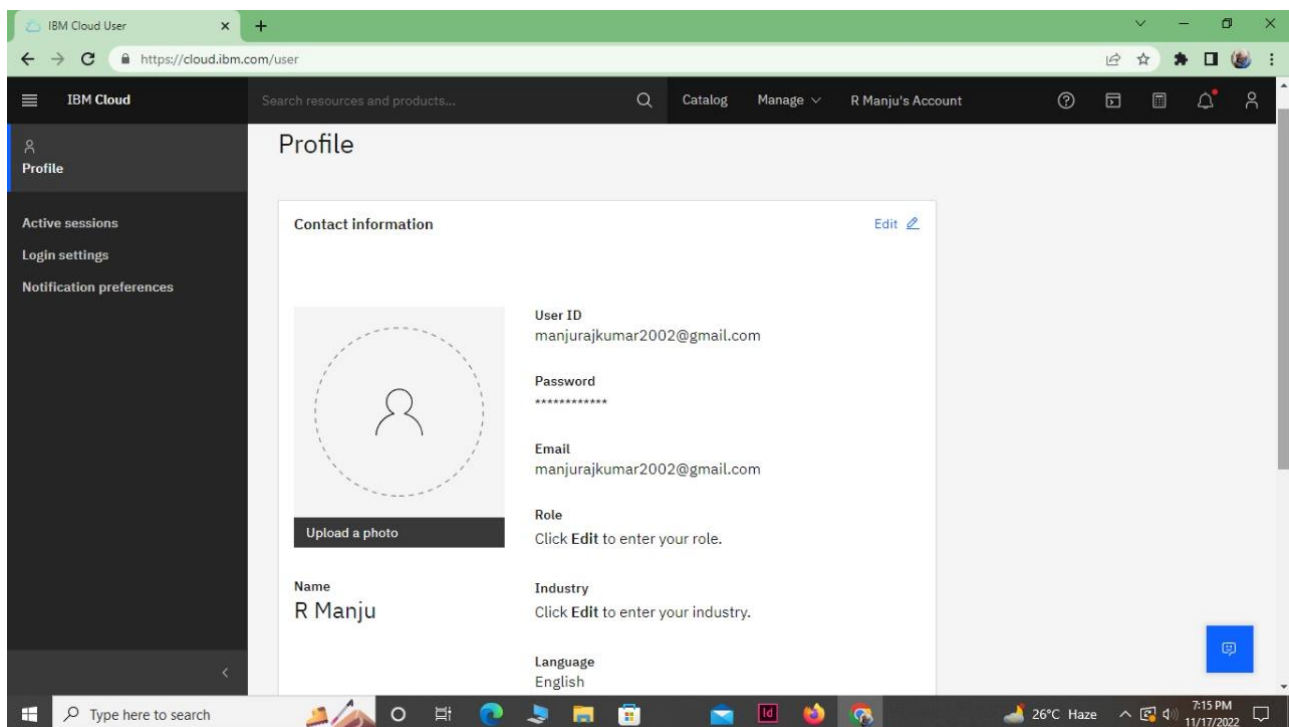
App Cloud
Instant application system technology single I App Cloud

User access Manage users
Enter email addresses below to jump directly into the invite user setup:

News View all
IBM Cloud Satellite New Pricing
IBM Cloud Data Shield Deprecation

Planned maintenance View all

Type here to search 26°C Haze 7:15 PM 11/17/2022



The screenshot shows the IBM Cloud User Profile page. The browser's address bar displays "https://cloud.ibm.com/user". The page has a left sidebar with navigation links for "Profile", "Active sessions", "Login settings", and "Notification preferences". The main content area is titled "Profile" and contains a "Contact information" section with fields for "User ID", "Password", "Email", "Role", "Name", "Industry", and "Language". The "Name" field is filled with "R Manju". The "Role" field has a note: "Click Edit to enter your role." The "Industry" field has a note: "Click Edit to enter your industry." The "Language" field is set to "English". The Windows taskbar at the bottom shows the system clock as 7:15 PM on 11/17/2022.

IBM Cloud User

Search resources and products...

Catalog Manage R Manju's Account

Profile

Active sessions
Login settings
Notification preferences

Profile

Contact information Edit

User ID
manjurajkumar2002@gmail.com

Password

Email
manjurajkumar2002@gmail.com

Role
Click Edit to enter your role.

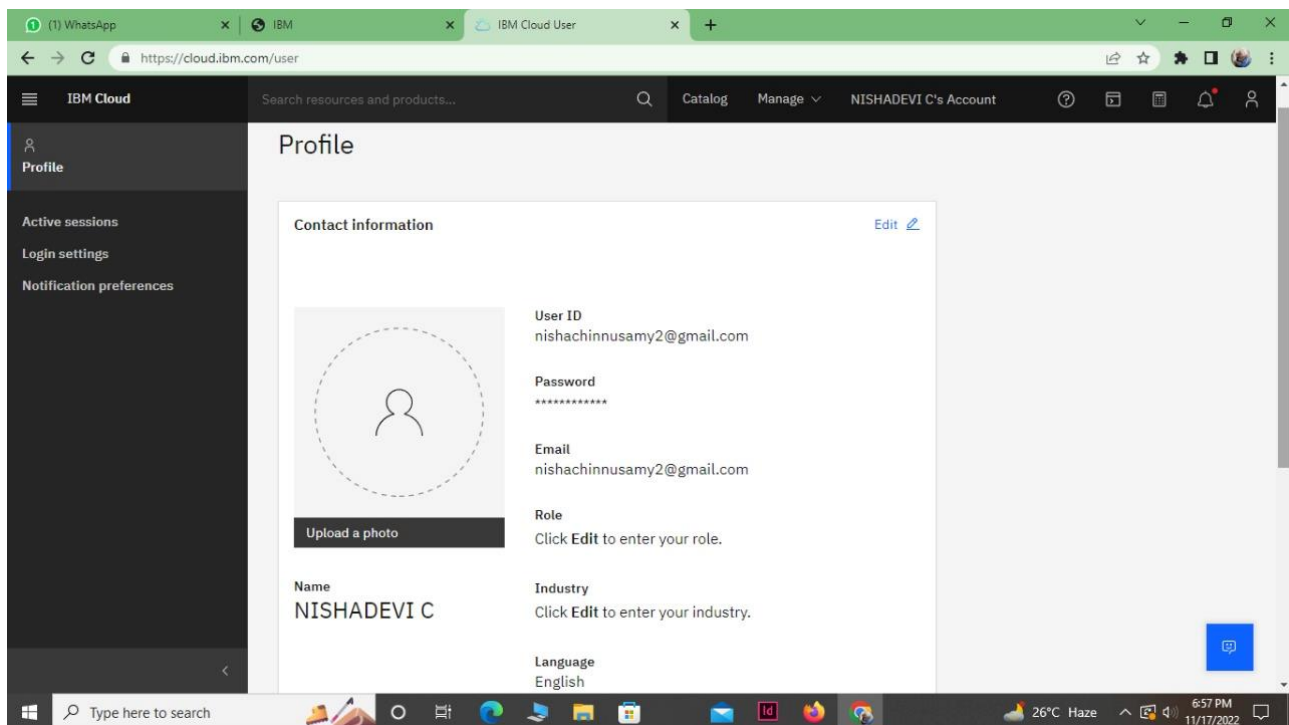
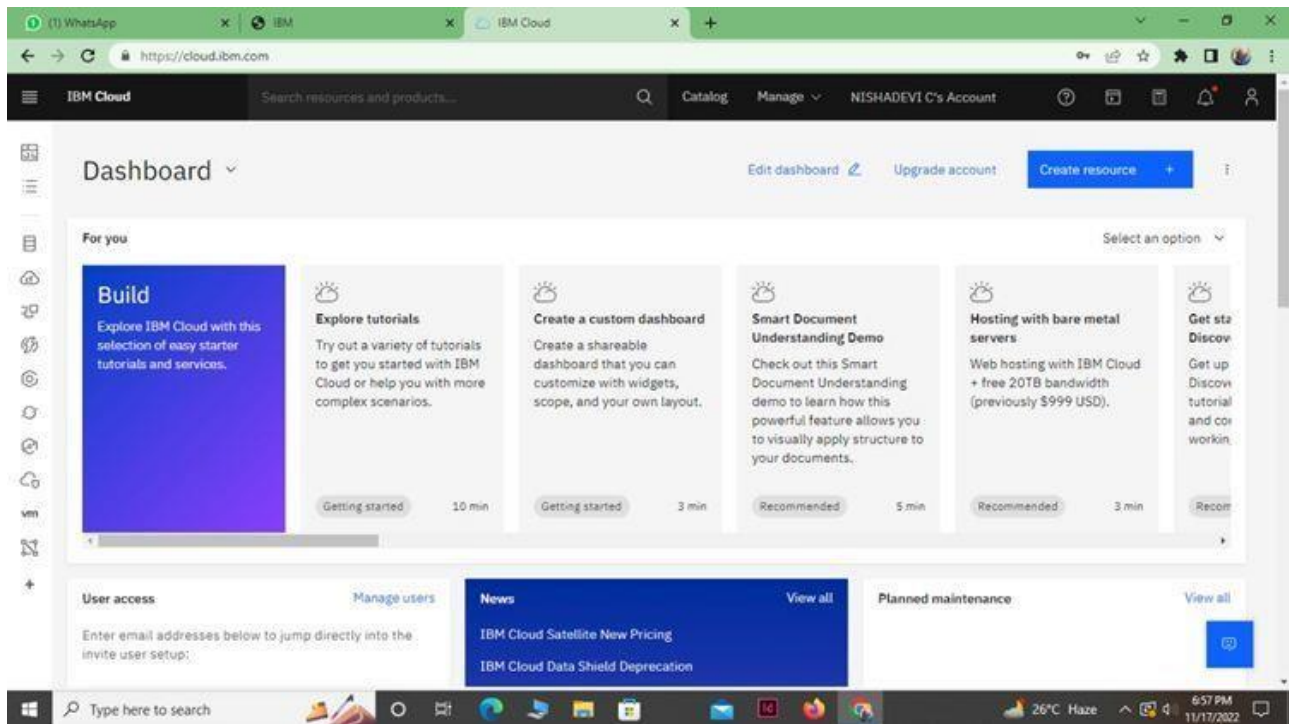
Name
R Manju

Industry
Click Edit to enter your industry.

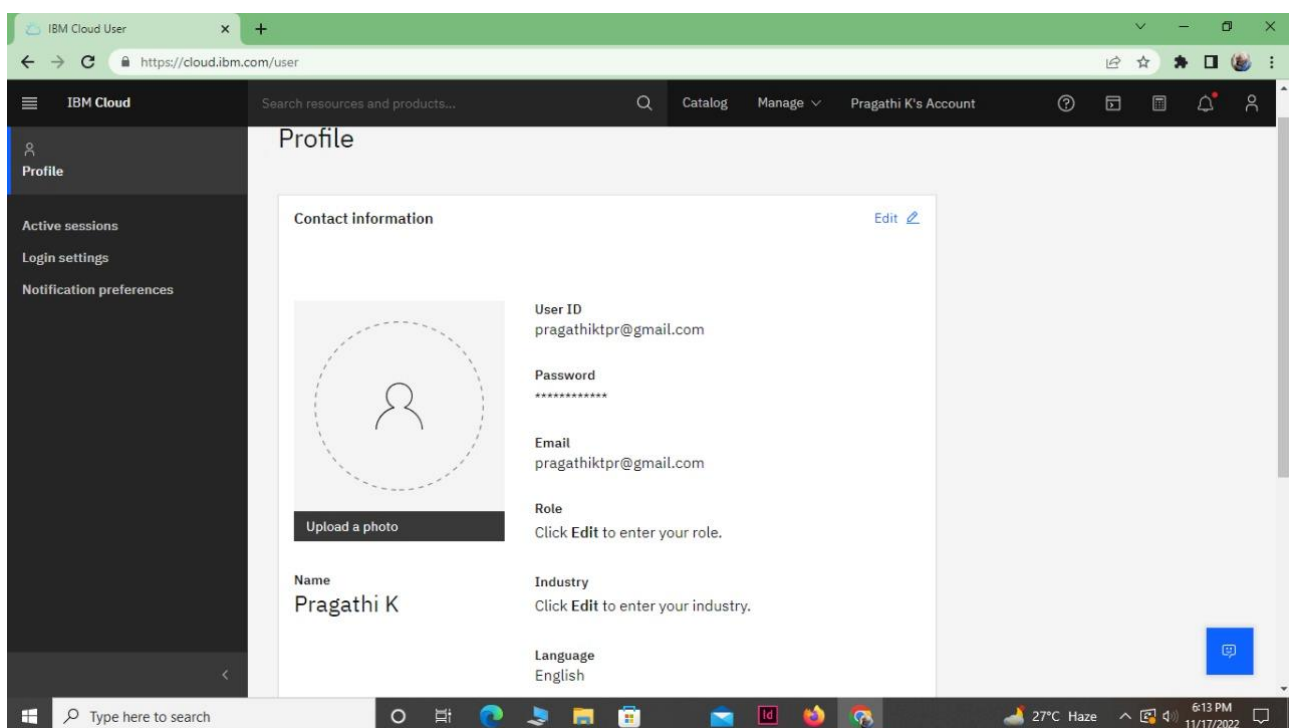
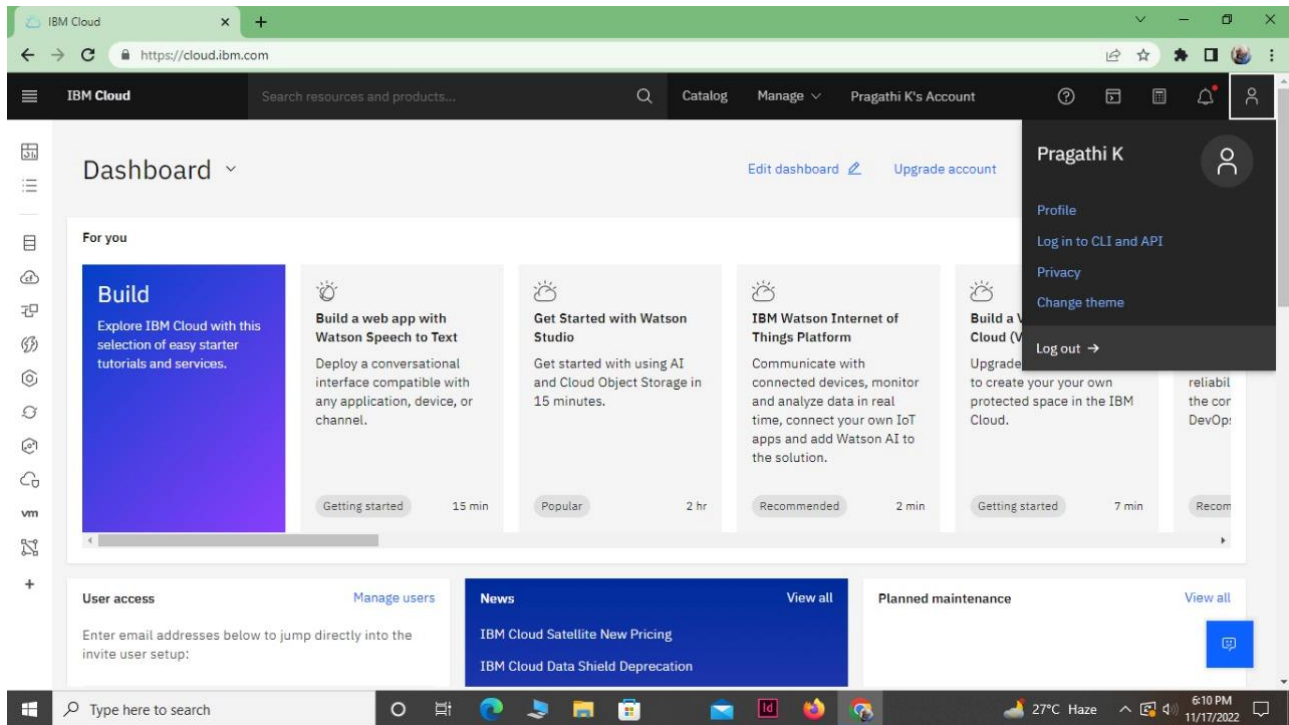
Language
English

Type here to search 26°C Haze 7:15 PM 11/17/2022

TEAM MEMBER-C.NISHADEVI



TEAM MEMBER-K.PRAGATHI



TEAM MEMBER-M.SUBASREE

