**Cloud Application Development**

**Image Recognition with IBM Cloud Visual Recognition**

**Phase-3**

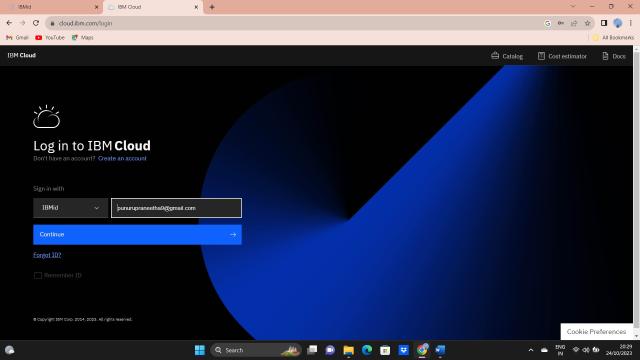
* Start building the image recognition system using IBM Cloud Visual Recognition.
* Create an IBM Cloud account, set up the Visual Recognition service, and obtain API keys.
* Design a simple web interface where users can upload images and view the AI-generated captions.

**Create an IBM Cloud account, set up the Visual Recognition service, and obtain API keys.**

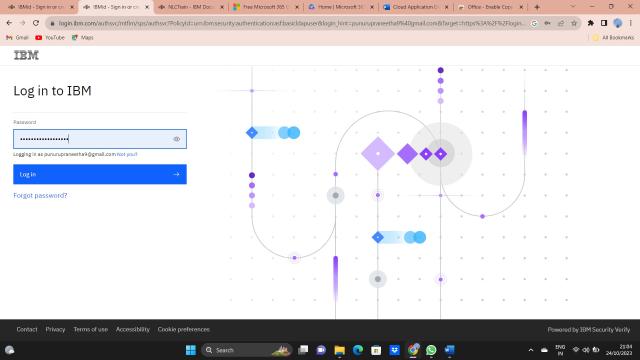
**IBM Cloud Account:**

After creating the IBM Cloud Account, login with the IBM id.

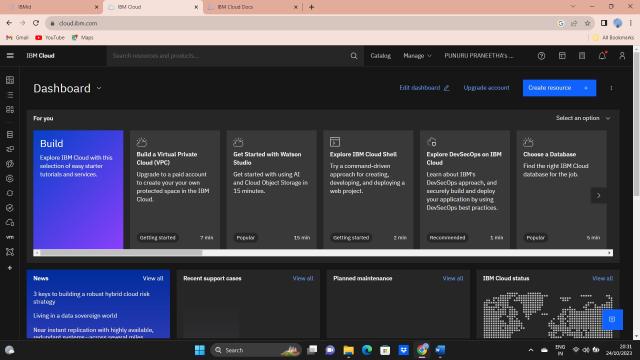
**Enter your IBM id then click continue.**



**Enter your password, then click login.**



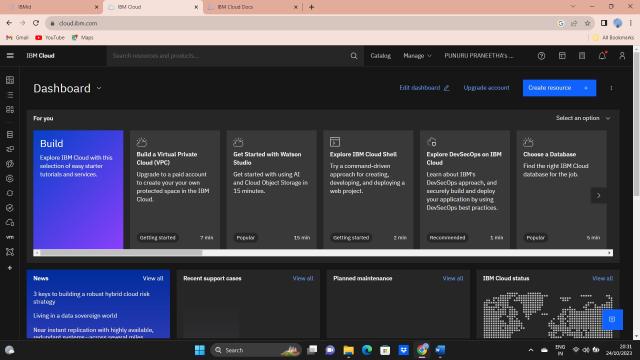
**The homepage of the IBM account as follows:**



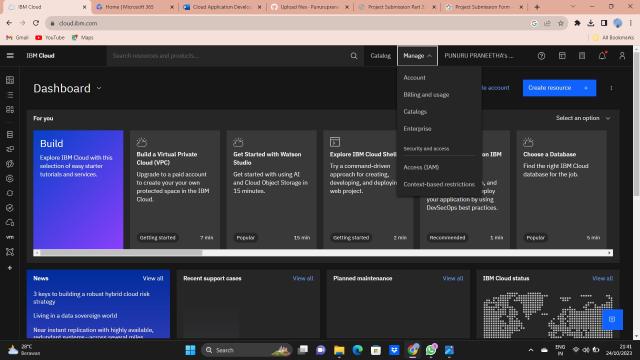
**Set up the Visual Recognition service, and obtain API keys.**

**Set up the Visual Recognition service:**

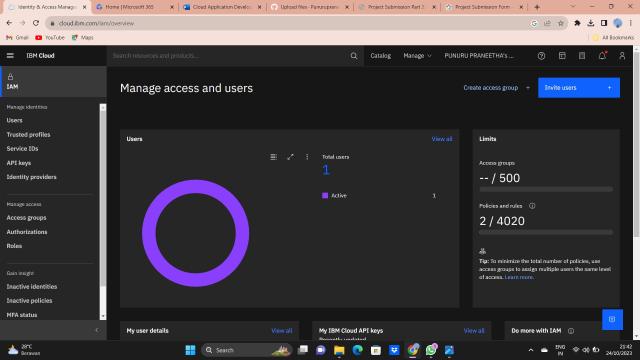
**Open the homepage of your IBM account.**



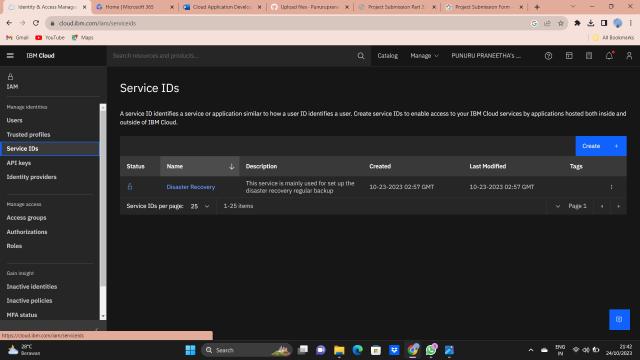
**Click on the manage :**



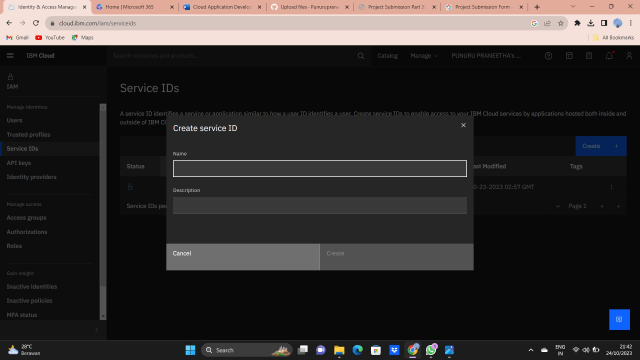
**Click on the Access(IAM) :**



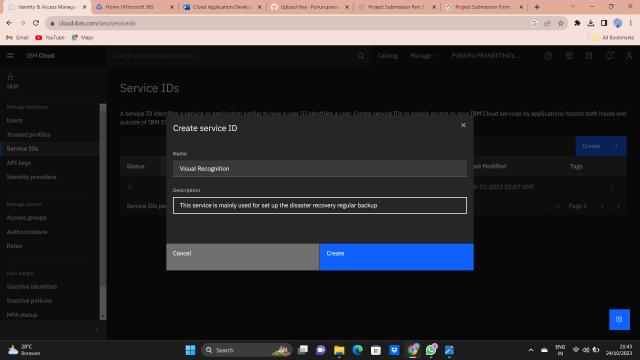
**Then click on the Service IDs :**



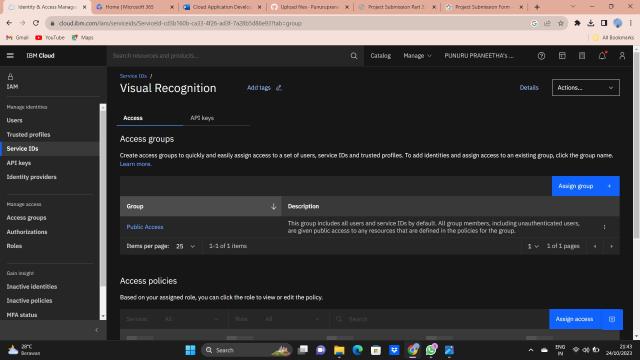
**Click on Create button, to create the service :**



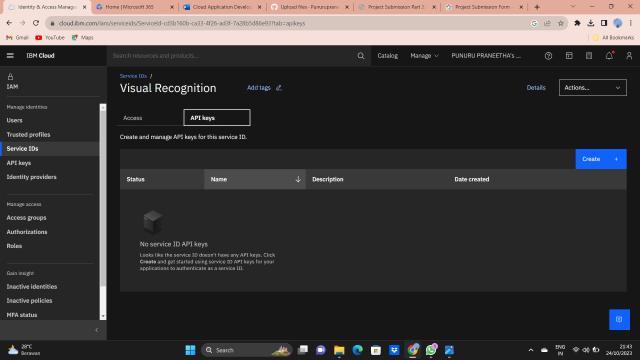
**Enter the name and the description for the service, then click on Create button to create the service :**



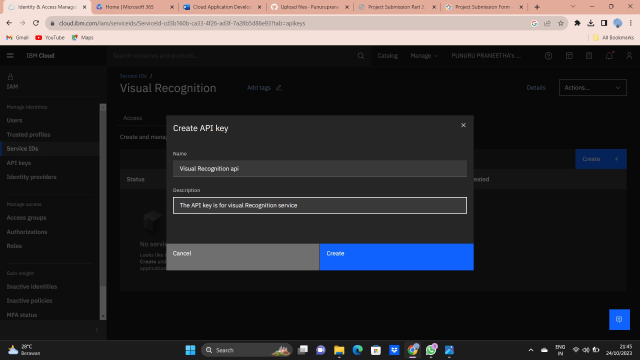
**Visual Recognition service has been created :**



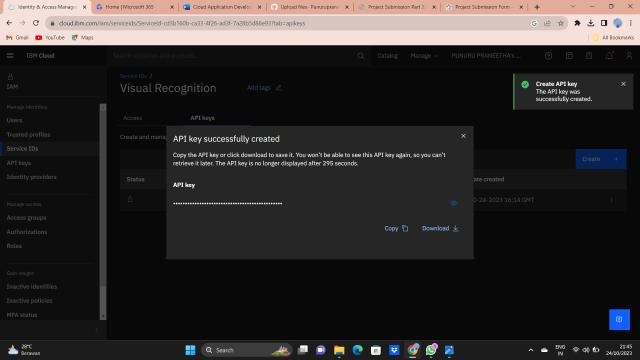
**Then click on the API keys, to obtain the API key for the Visual Recognition Service :**



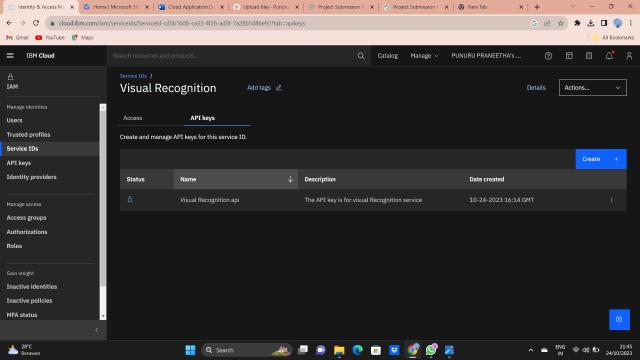
**Then enter the name and the description to create the API key and click on the Create button :**



**The API key has been successfully created for the Visual Recognition Service :**

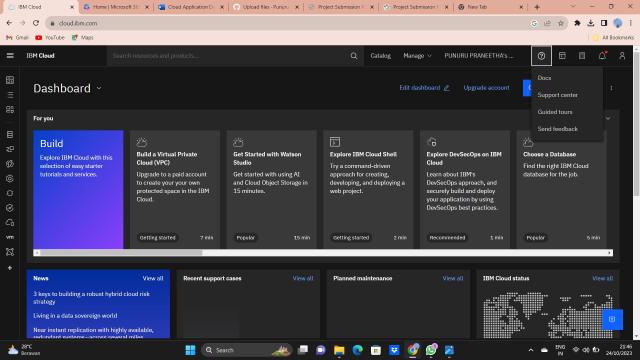


**The API key has obtained :**

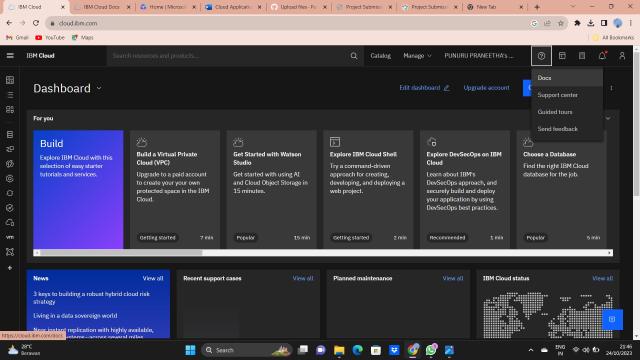


**Visual Recognition Service document.**

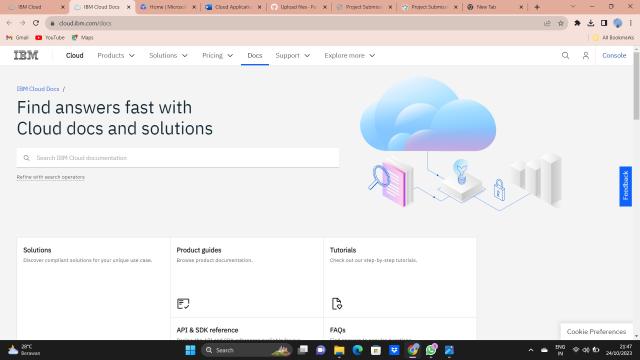
Open the home page of your IBM account, click on the help :



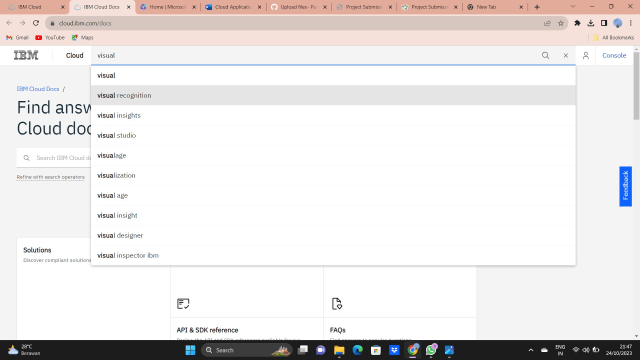
**Then click on the Docs to open the document of the Visual Recognition :**



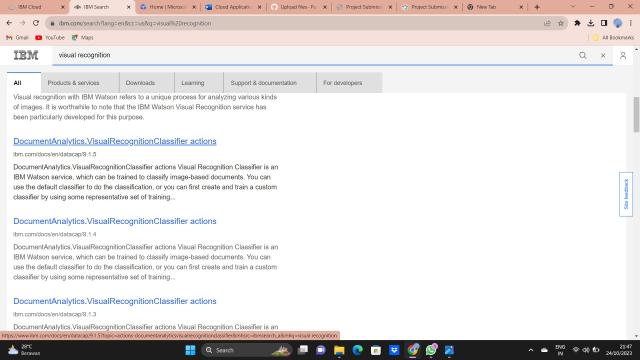
**Click on the search button at the drop-down menu, near the user account :**



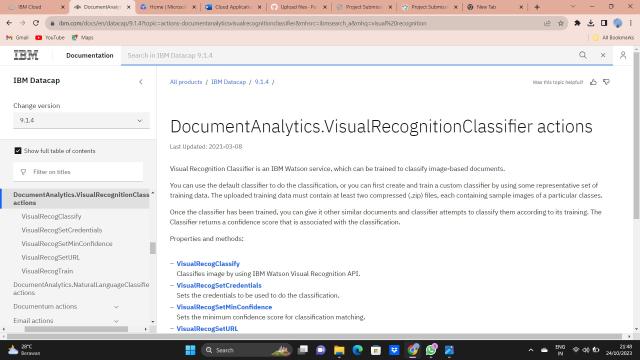
**Then search for the Visual Recognition :**

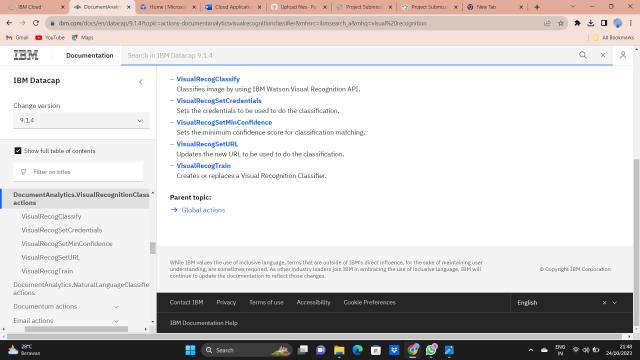


**Open the DocumentAnalytics.VisualRecognitionClassifier actions :**

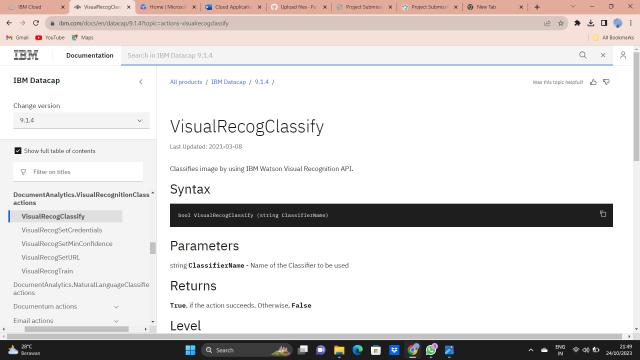


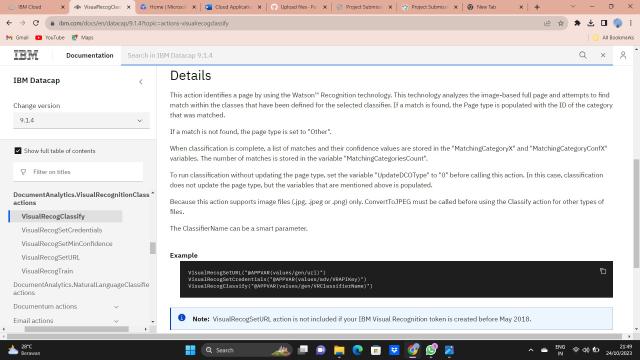
**The main page of the document as follows :**



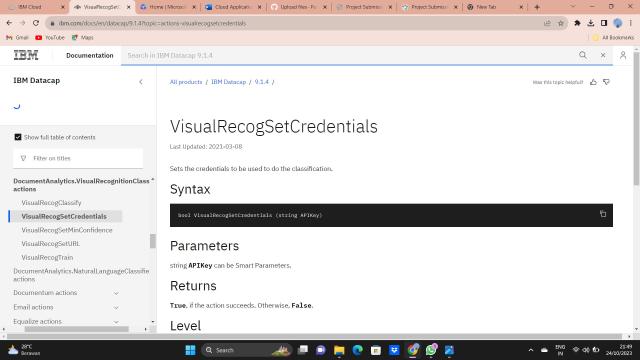


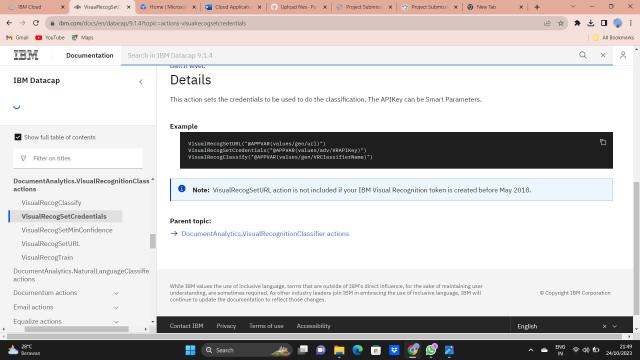
VisualRecogClassify:



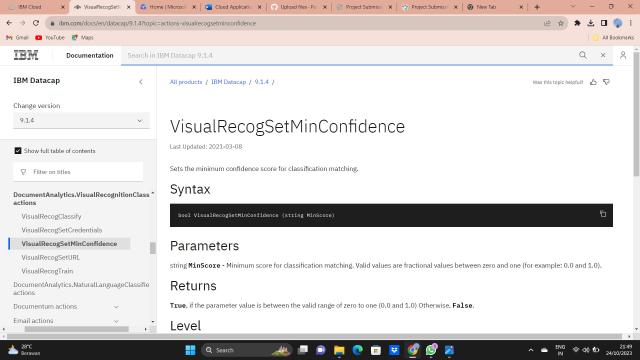


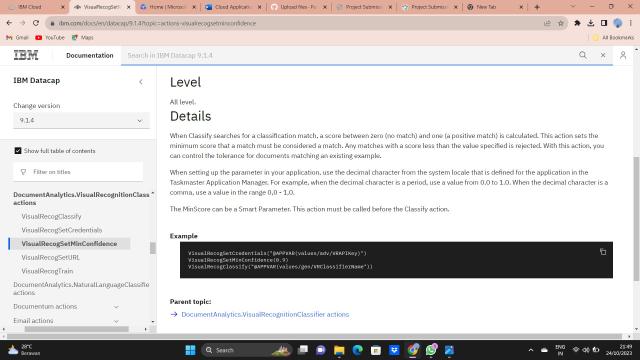
VisualRecogSetCredentials:



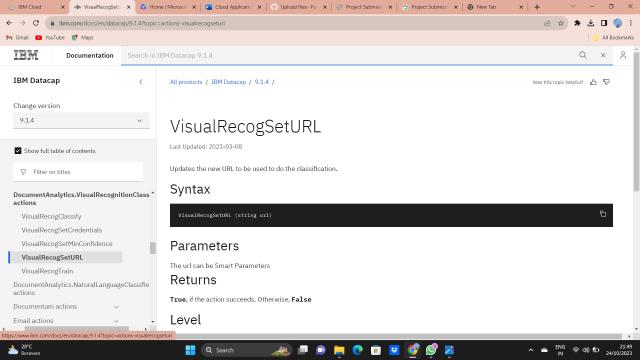


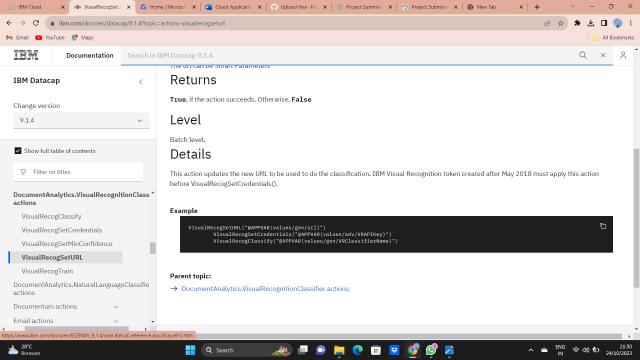
VisualRecogSetMinConfidence:





VisualRecogSetURL:





VisualRecogTrain:

