**Cloud Application Development**

**Image Recognition with IBM Cloud Visual Recognition**

**Phase-3**

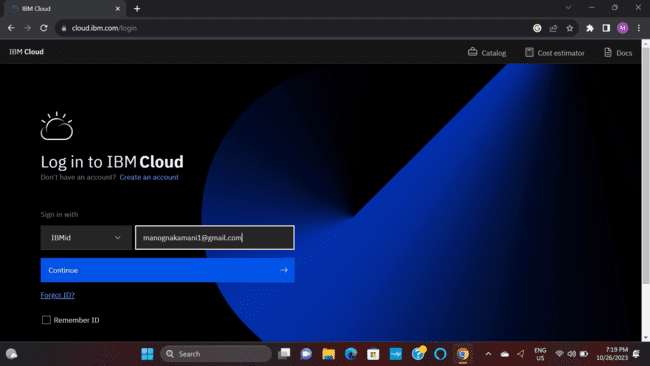
* Start building the image recognition system using IBM Cloud Visual Recognition.
* Create an IBM Cloud account, set up the Visual Recognition service, and obtain API keys.
* Design a simple web interface where users can upload images and view the AI-generated captions.

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

IBM Cloud Account:

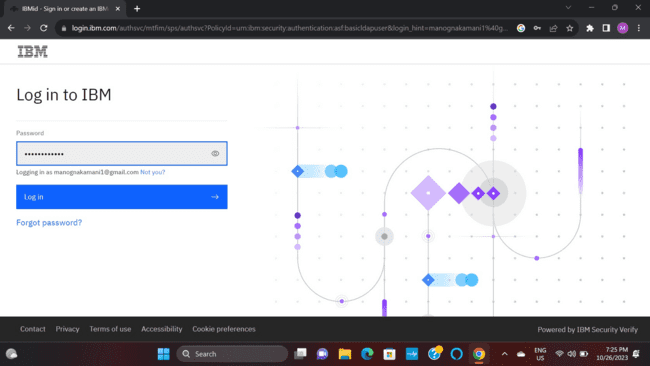
After creating the IBM Cloud Account, login with the IBMid.

Enter your IBMid then click continue.

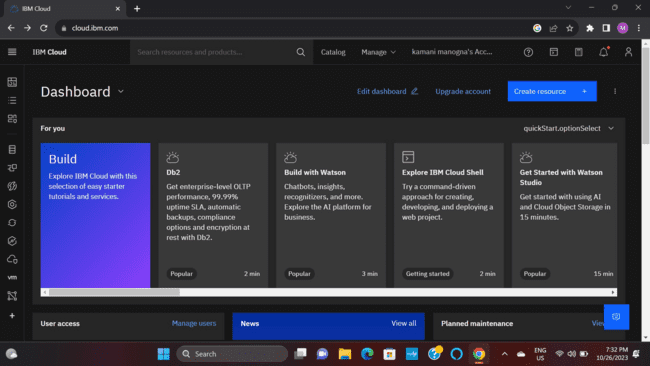


Enter your password, then click login.

The homepage of the IBM account as follows:



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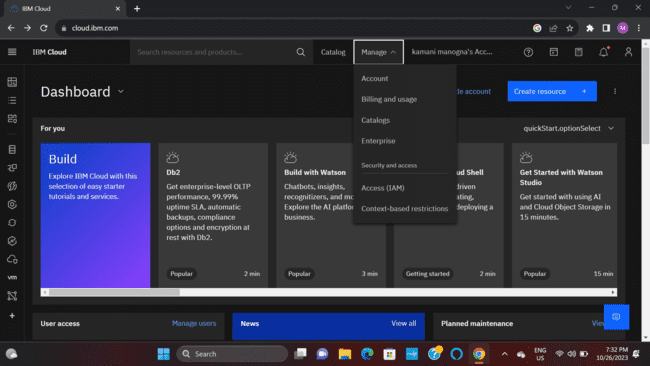


**Set up the Visual Recognition service, and obtain API keys.**

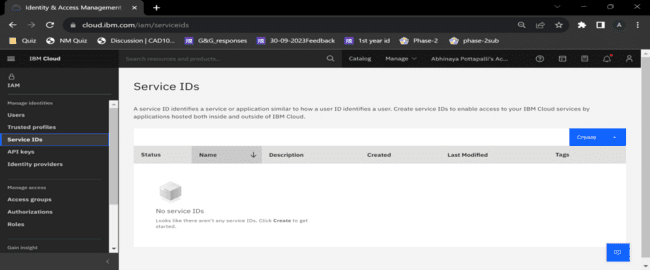
**Set up the Visual Recognition service:**

Open the homepage of your IBM account.

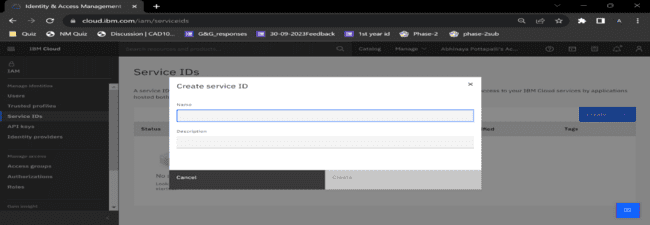
Click on the manage.



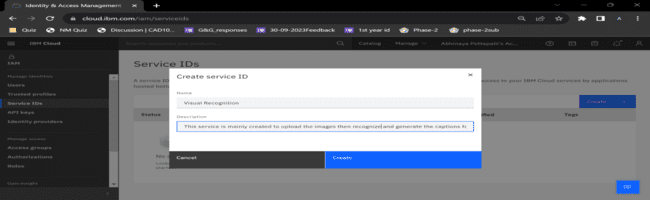
Click on the Access(IAM).

Then click on the Service IDs.****

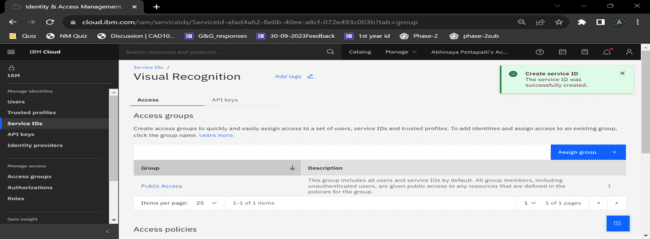
Click on Create button, to create the service.

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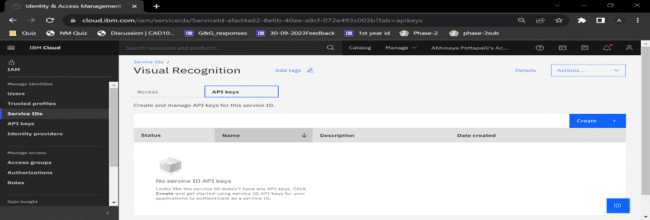
Enter the name and the description for the service, then click on Create button to create the service.

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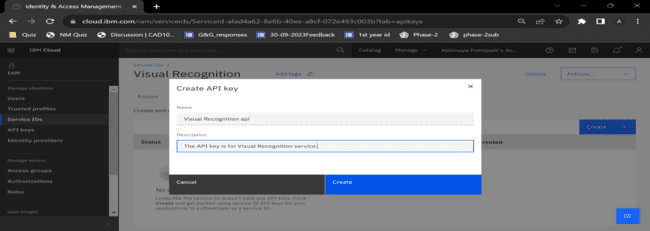
Visual Recognition service has been created.

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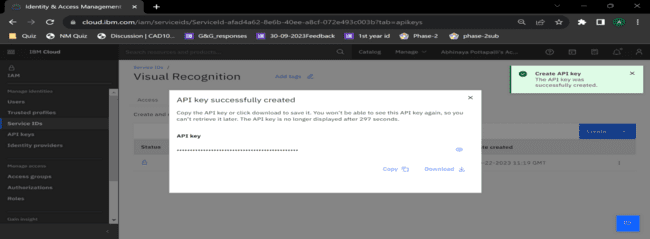
Then click on the API keys, to obtain the API key for the Visual Recognition Service.

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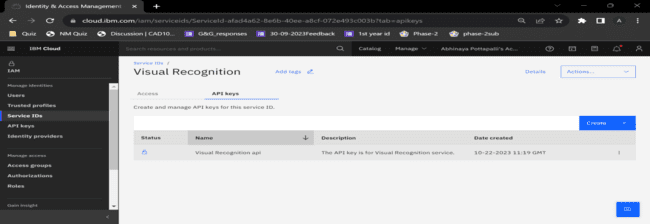
Then enter the name and the description to create the API key and click on the Create button.

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

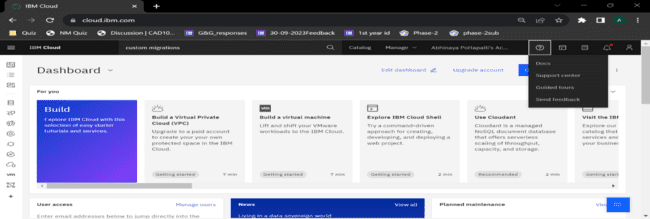
****

The API key has obtained.

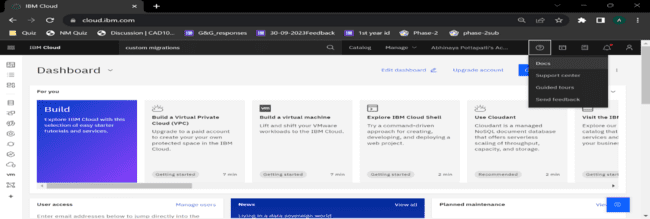
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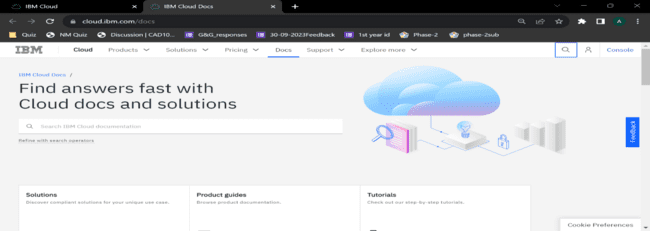
**Visual Recognition Service document.**

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

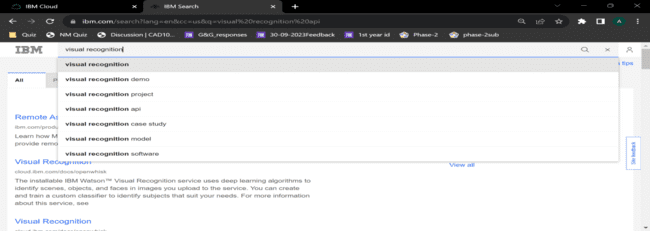
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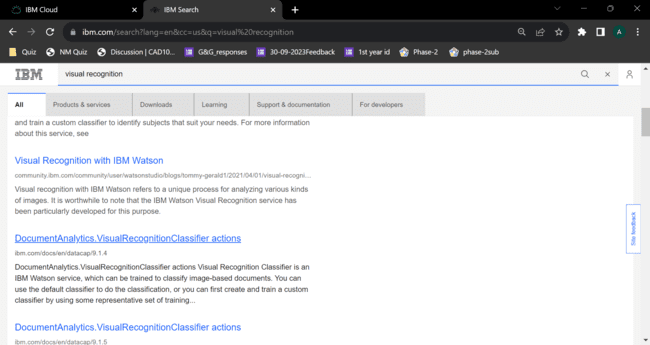
Then click on the Docs to open the document of the Visual Recognition

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

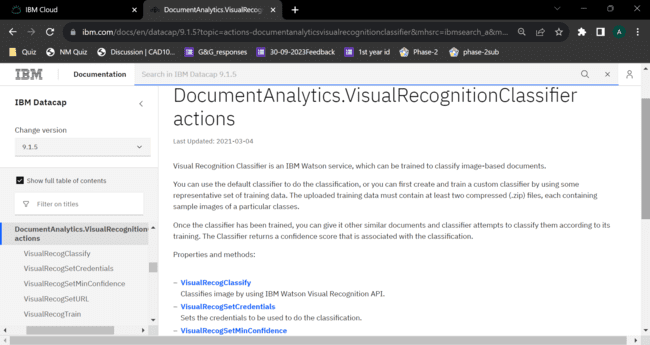
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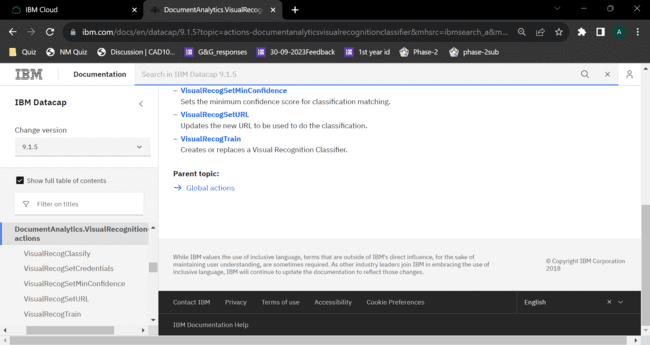
Then search for the Visual Recognition.

****Open the DocumentAnalytics.VisualRecognitionClassifier actions

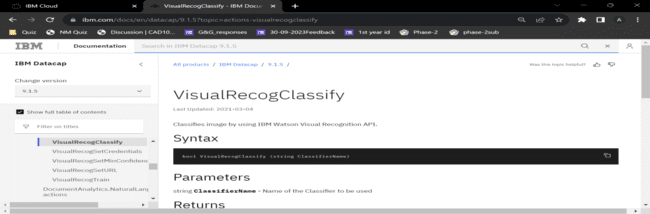
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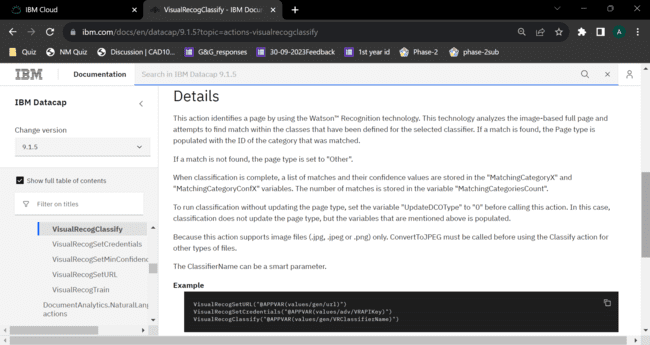
The main page of the document as follows.

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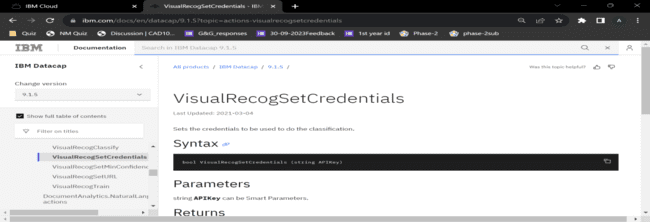
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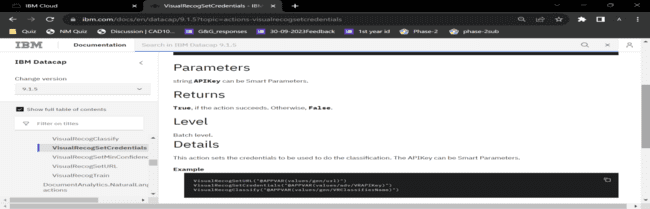
VisualRecogClassify:

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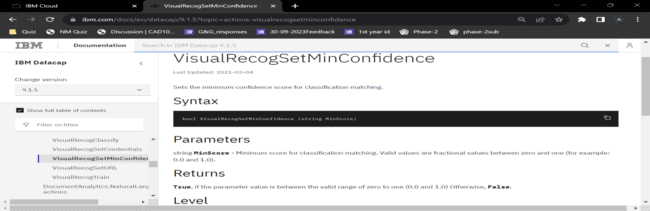
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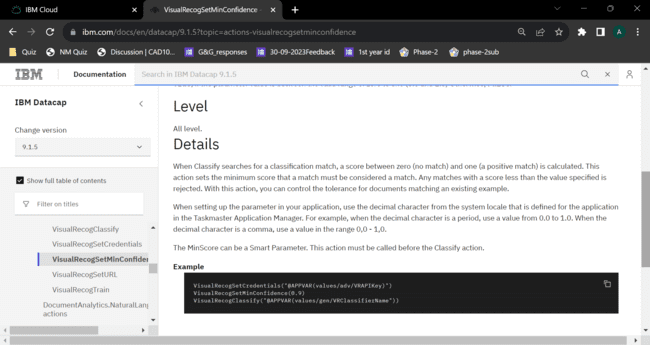
VisualRecogSetCredentials:

****

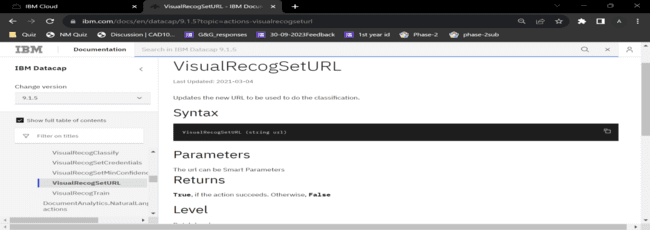
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VisualRecogSetMinConfidence:

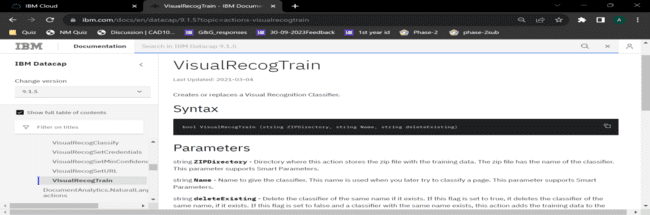
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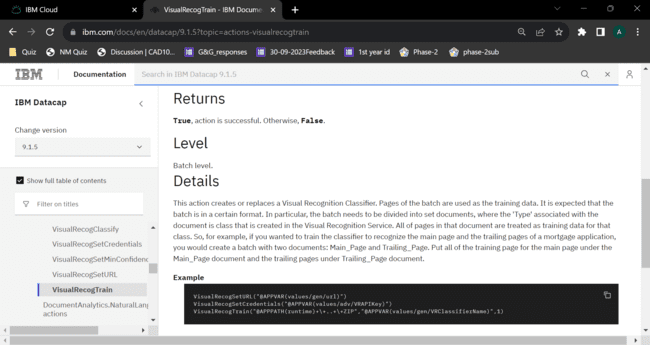
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VisualRecogSetURL:

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VisualRecogTrain:

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