CLOUD APPLICATION DEVELOPMENT – PHASE 3	
PROJECT – IMAGE RECOGNITION WITH IBM CLOUD VISUAL RECOGNITION	
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Image Recognition with IBM Cloud Visual Recognition

Phase 3: Development Part 1

In this part you will begin building your project.

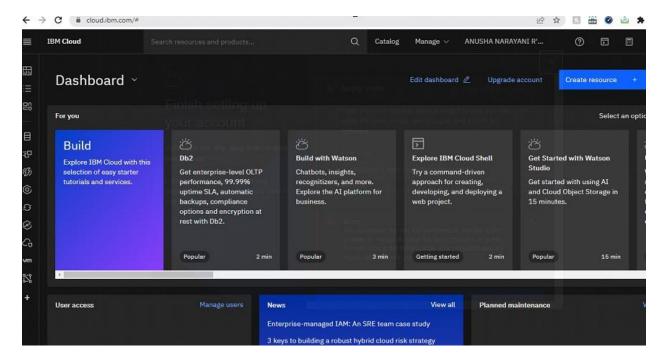
Start building the image recognition system using IBM Cloud Visual Recognition.

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.

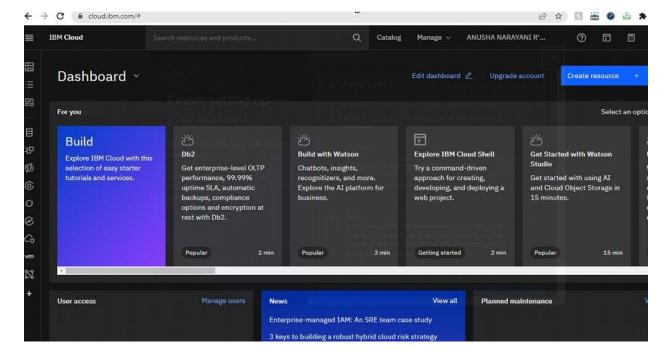
Step 1: Sign Up/Login to IBM Cloud

- Go to the [IBM Cloud website](https://cloud.ibm.com/).
- Sign up for a new account or log in if you already have one.

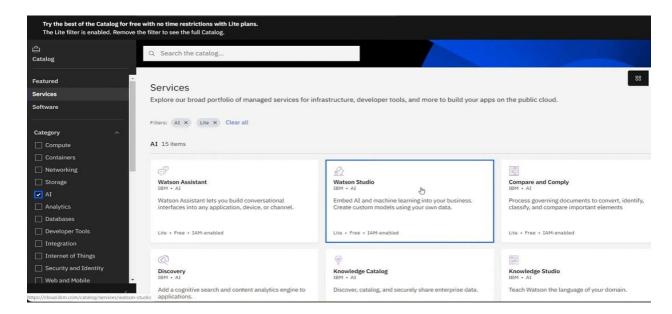


Step 2: Create a Visual Recognition Service

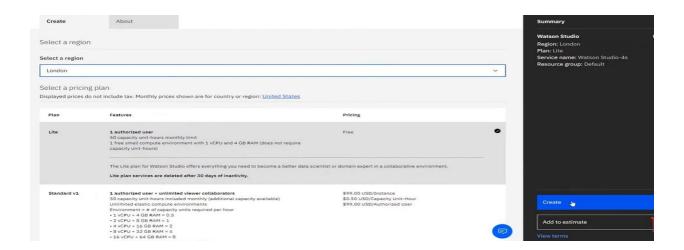
After logging in, click on "Create Resource" at the top right.

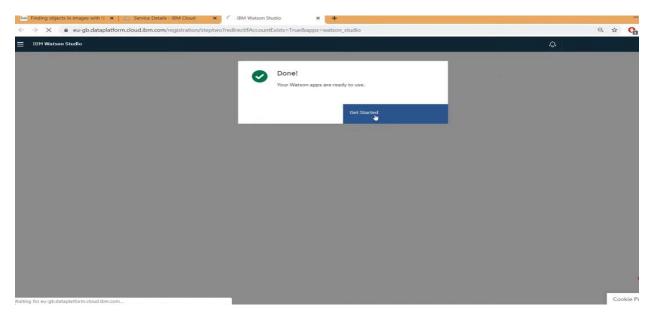


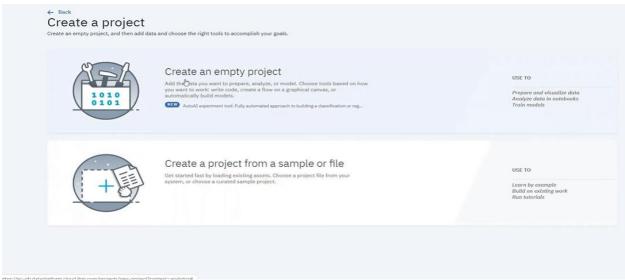
- Search for "Visual Recognition" in the catalog.
- Select the Visual Recognition service.



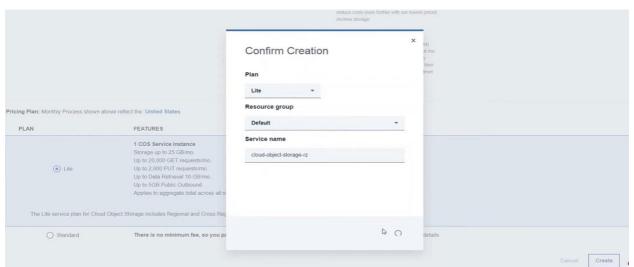
- Choose the pricing plan that suits your needs.
- Click "Create" to create the service instance.



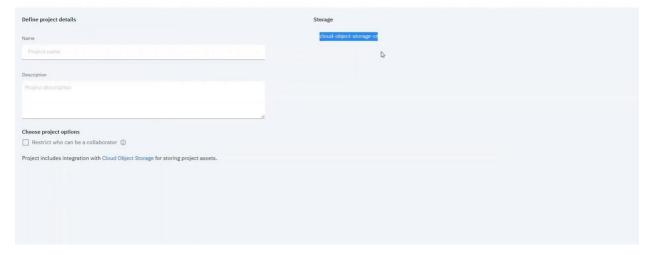




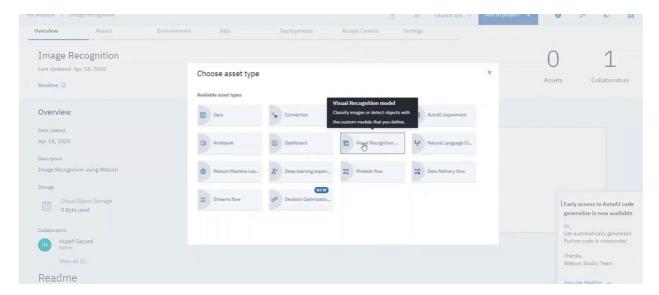




New project



Define project details Name Cloud-object-storage-rz Image Recognition Description Image Recognition using Watson Choose project options Restrict who can be a collaborator ① Project includes integration with Cloud Object Storage for storing project assets.

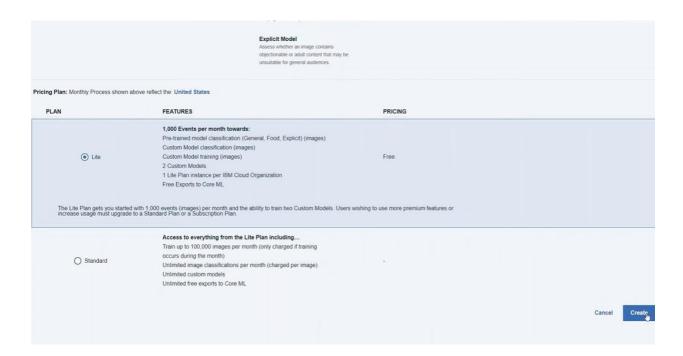


Step 3: Gather and Organize Your Images

- Collect a set of images for each class/category you want to recognize.
- Ensure that the images are clear, relevant, and well-labeled.
- Organize these images into folders, each folder representing a specific category.

Step 4: Train

- Access your Visual Recognition service instance from the IBM Cloud dashboard.
- Click on "Launch Tool" to open the Visual Recognition tool.
- In the tool, click on "Create a Project."
- Add a name for your project and click "Create."
- Inside your project, click on "Add a Collection."
- Upload images from your folders to the respective collections/categories.
- Once images are uploaded, click on "Train" to train your custom classifier.



Step 5: Test

• After training is completed, you can test your classifier by uploading new images.

