

Cloud Application Development – Phase 4

Image Recognition Using IBM Cloud Visual Recognition

1. Add a Watson VR Service instance

Requirements - We are going to Analyze Images, so we need to add the Watson Visual Recognition Service. For that download at least we need 10 images, you can use your own images, or download them from the internet.

1. Add the Visual Recognition Service

- To add services to the project, click Add to project.
- In the Choose asset type box, click Visual Recognition.
- In the Associate a service box, click here 4. On the Visual Recognition page, verify that Lite is selected, and then click Create. 5. In the Confirm Creation box, click Confirm.

2. Analyze images with Watson VR

- To analyze your images, on the Models page, under Pre Built Models, in the General box,click Test.
- On the General page, click the Test tab.
- To upload images, on the Test tab, click Browse
- Select the images you want to upload and then click Open

2.Add or upload images

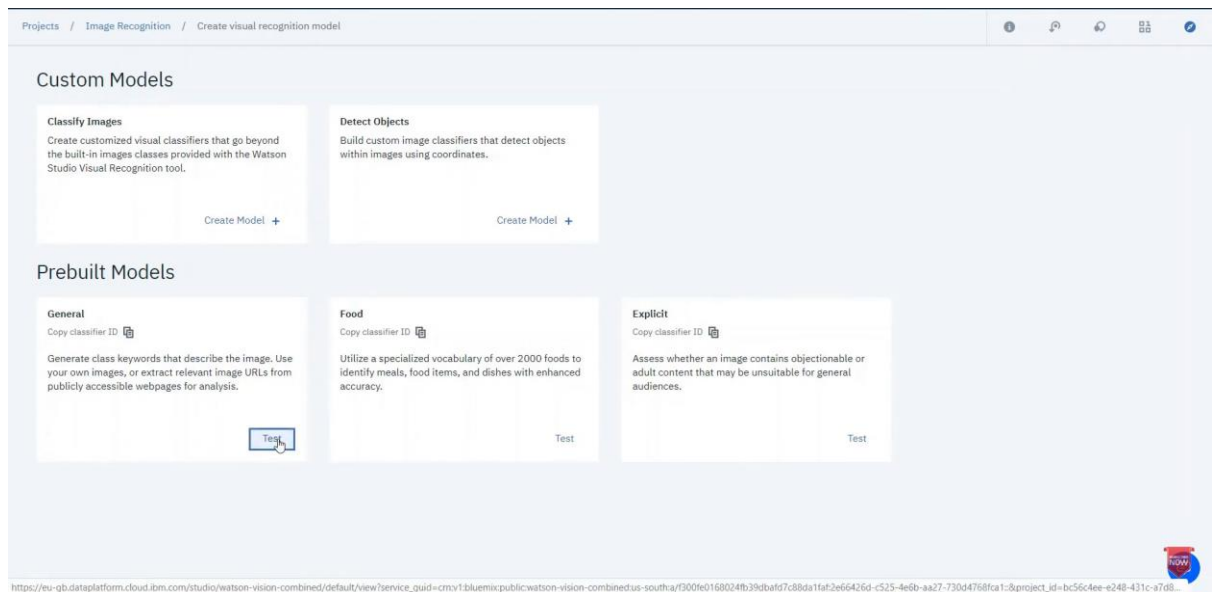
- Click on any prebuilt models
- Upload any sample images
- The main thing is to upload atleast 10 images

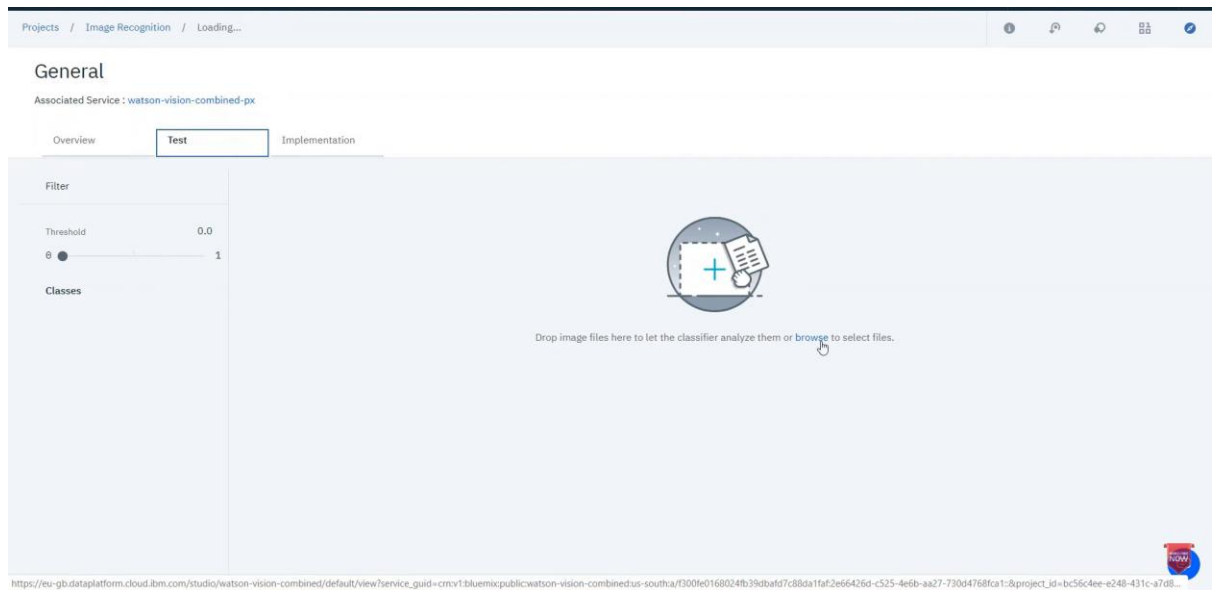
3.Result on Recognition

- Click on test

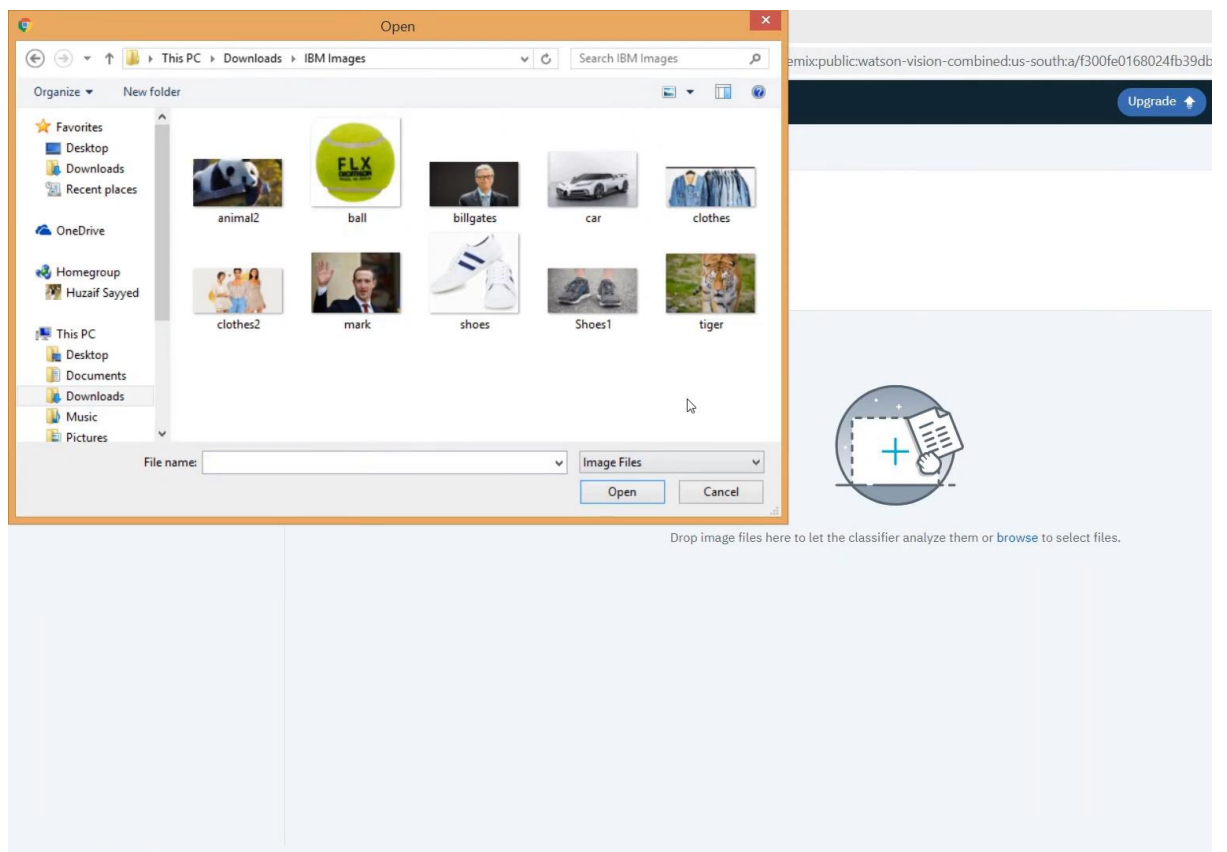
- IBM Watson gave an caption on all the images you upload

1.Adding Watson service instance





2.Uploading images



3.AI Generated Captions

Finding objects in images with IBM Watson Studio

Service Details - IBM Cloud

IBM Watson Studio

+

eu-gb.dataplatform.cloud.ibm.com/studio/watson-vision-combined/default/view?service_guid=crnv1:bluemix:publicwatson-vision-combined:us-south:a/f300fe0168024fb39dba

IBM Watson Studio

Upgrade

Projects / Image Recognition / Loading...

General

Associated Service : watson-vision-combined-px

OverviewTestImplementation

Filter

Threshold0.0

01

Classes

☐ animal

☐ carnivore

☐ giant panda


☐ greenishness color

☐ indigo color

☐ mammal

Clear results

animal2.jpg



giant panda0.99

carnivore0.99


mammal0.99

animal0.99

greenishness color0.69


indigo color0.35

ball.jpg




Loading results

billgates.jpg




Loading results

car.jpg



clothes.jpg



mark.jpeg

