

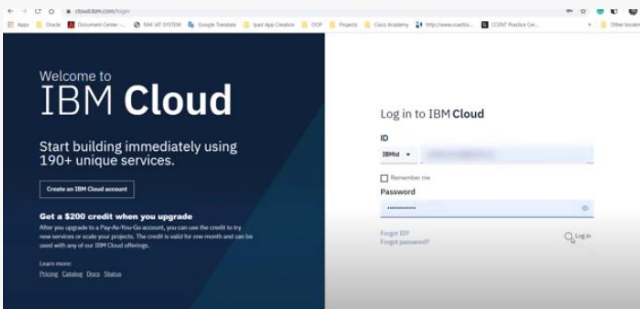
## Phase 4:

### DEVELOPMENT PART -2

#### 1.Sign Up for IBM Cloud Account:

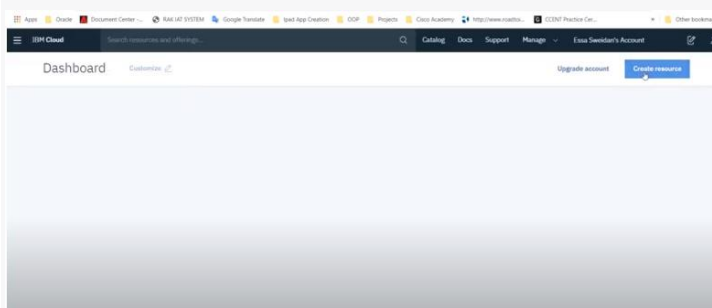
If you don't already have an IBM Cloud account, you'll need to create one. Go to the IBM Cloud website (<https://cloud.ibm.com/registration>) and sign up for a free or paid account.

#### 2.Log In to IBM Cloud: Log in to your IBM Cloud account using your registered credentials

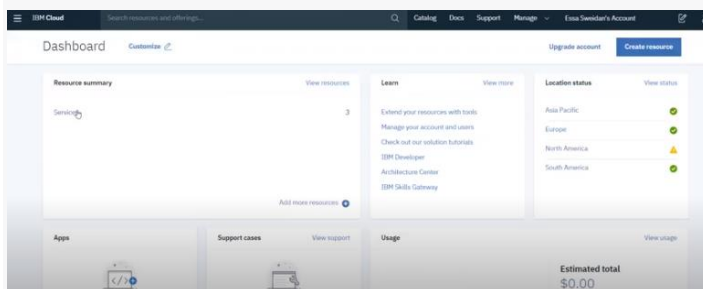
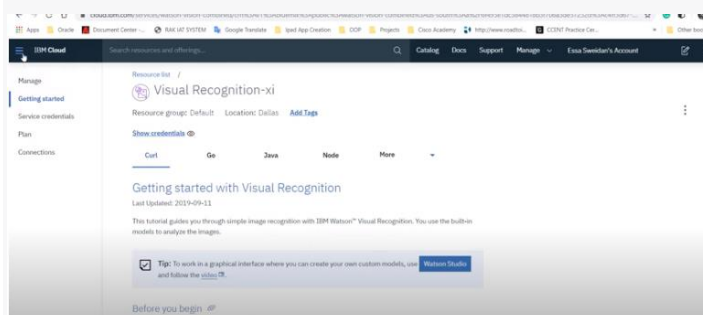
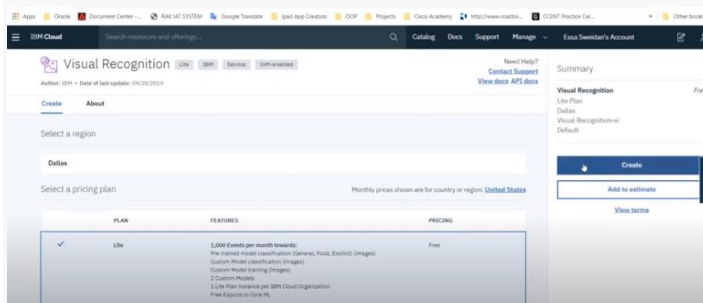
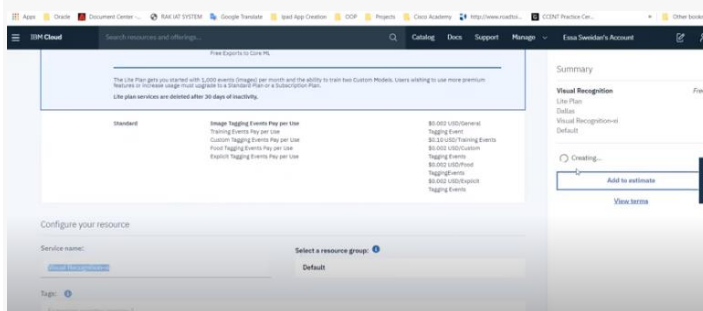
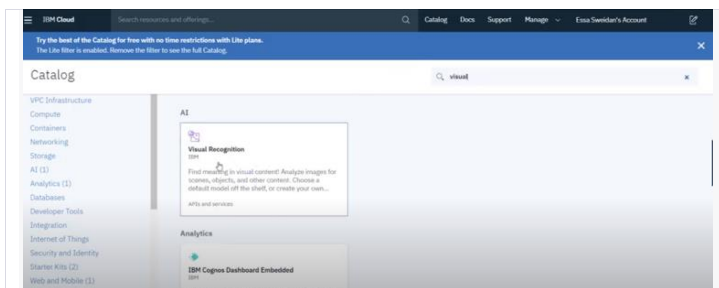


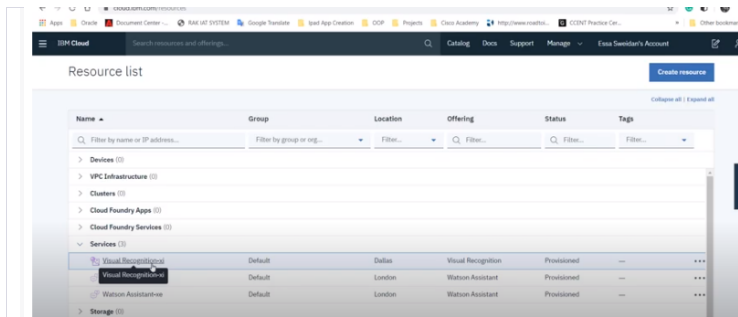
#### 3.Create or Access a Watson Visual Recognition Service:

- Once you're logged in, navigate to the IBM Cloud Dashboard.



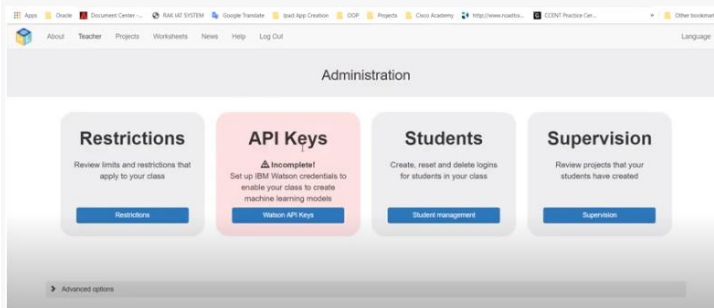
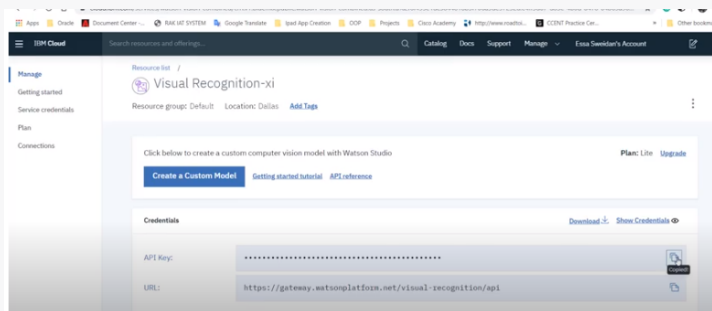
- You can either create a new service or access an existing one. If you're creating a new one, search for "Visual Recognition" and create the service.





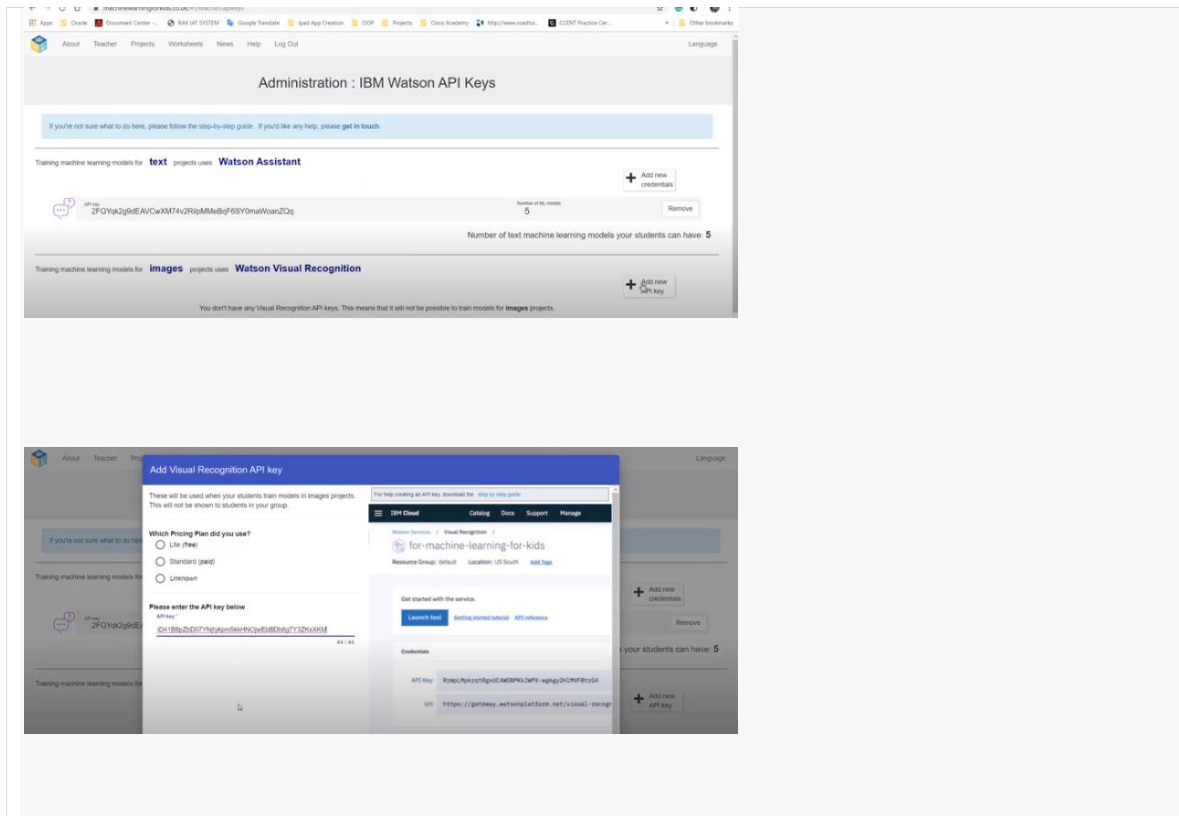
## 2. Get Your API Key:

- After you've created or accessed your Visual Recognition service, you should be able to find your API key in the service's dashboard.
- It might be under "Service Credentials" or something similar.
- Click on "View credentials" to see your API key(s).



## 3. Save Your API Key:

- It's essential to keep your API key secure. Save it in a safe place.
- If you're using the API key in code, consider using environment variables to store it securely.



4. **Using the API Key:** You can now use the API key to authenticate your requests to IBM Watson Visual Recognition.

When you make requests to the Watson Visual Recognition API, you need to include the API key as an authentication token in the headers of your HTTP requests.

import requests

api\_key = "YOUR\_API\_KEY" # api key from the Watson Visual Recognition API

url = "https://api.us-south.visual-recognition.watson.cloud.ibm.com/v4/analyze" # Adjust the URL for your specific endpoint

```
headers = {
    "Content-Type": "application/json",
    "apikey": api_key
}
```

# Make a POST request with the headers

```
response = requests.post(url, headers=headers, json=your_payload_data)
```

```
curl -X POST "https://api.us-south.visual-recognition.watson.cloud.ibm.com/v4/analyze" \
```

```
-H "Content-Type: application/json" \
```

```
-H "apikey: YOUR_API_KEY" \
```

```
-d '{
```

```
  "your_data": "goes_here"
```

```
}'
```

