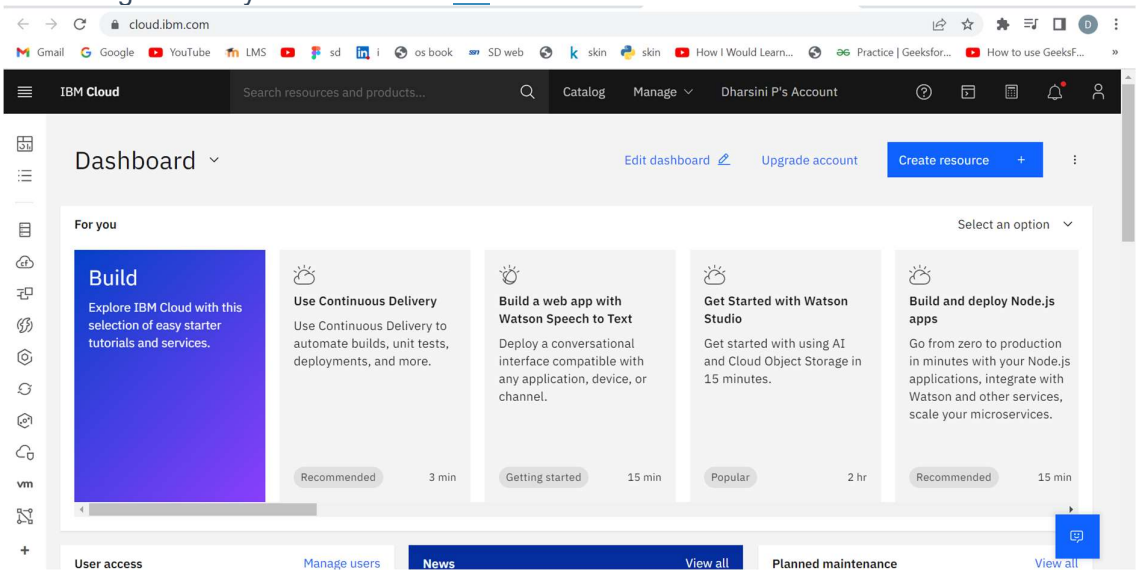
Create Cloudant DB

Team ID	PNT2022TMID53189
Project Name	Project - Deep Learning Fundus Image Analysis For Early Detection Of Diabetic Retinopathy

Register & Login To IBM Cloud

1. Register To IBM Cloud:- Link
2. Sign in with your credentials: Link

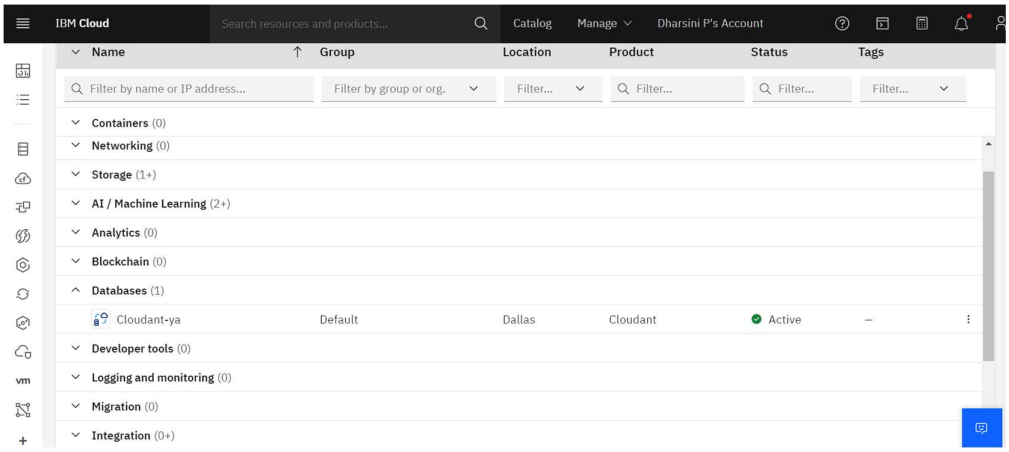


Create Service Instance

- Log in to your IBM Cloud account, and click on Catalog
- Type Cloudant in the Search bar and click to open it.
- Select an offering and an environment
- Select region as Dallas & Type an instance name then click on create service.

After you click create the system displays a message to say that the instance is being provisioned, which returns you to the Resource list. From the Resource list, you see that the status for your instance is, Provision in progress.

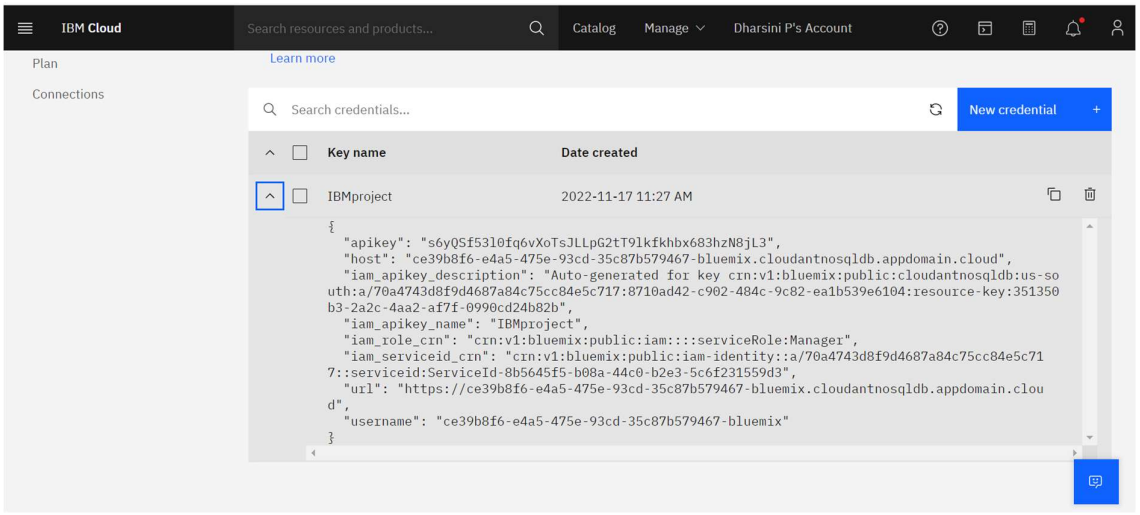
- When the status changes to Active, click the instance.



Creating Service Credentials

1.Instance, click New credential.

2. Enter a name for the new credential in the Add new credential window.
3. Accept the Manager role.
4. (Optional) Create a service ID or have one automatically generated for you.
5. (Optional) Add inline configuration parameters. This parameter isn't used by IBM Cloudant service credentials, so ignore it.
6. Click Add.



Create Database

- In order to manage a connection from a local system you must first initialize the connection by constructing a Cloudant client.We need to import the cloudant library.

```python
from cloudant.client import Cloudant
model = load_model("C:/Users/DHARSINI/ibm/model/Updated-Xception-diabetic-retinopathy.h5")
app = Flask(__name__)
# Authenticate using an IAM API key
client = Cloudant.iam('ce39b8f6-e4a5-475e-93cd-35c87b579467-bluemix',
                      's6yQSf53l0fq6vXoTsJLLpG2tT9lkfkhbx683hzN8jL3', connect=True)
# Create a database using an initialized client
my_database = client.create_database('my_db')
```