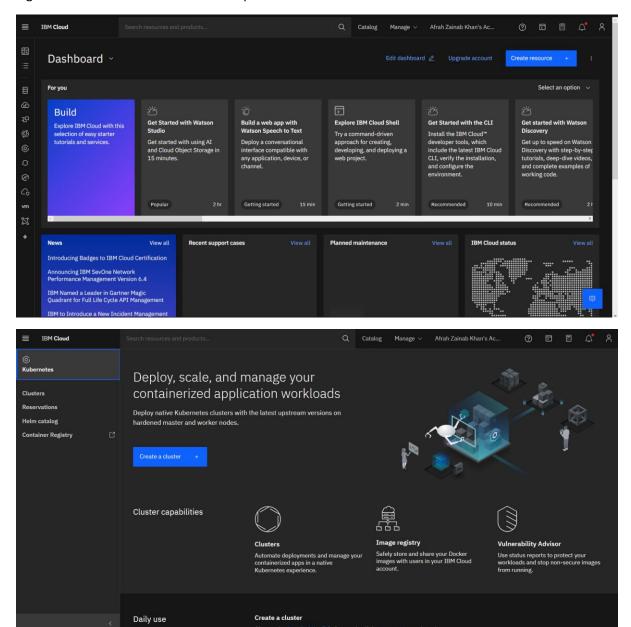
CONTAINERIZE THE APP

Date	19 November 2022	
Team ID	PNT2022TMID32708	
Project Name	Job/Skill Recommender	

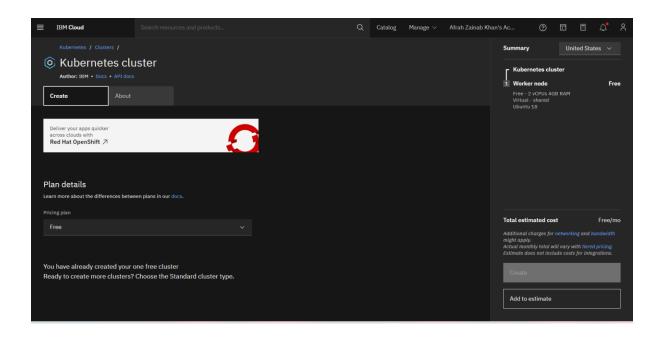
STEP 1:

Sign in to IBM Cloud Dashboard and Open Kubernetes Service



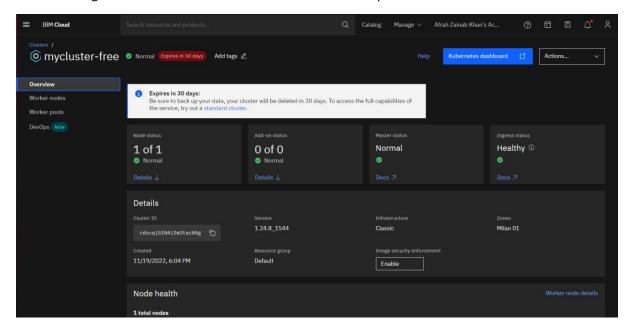
STEP 2:

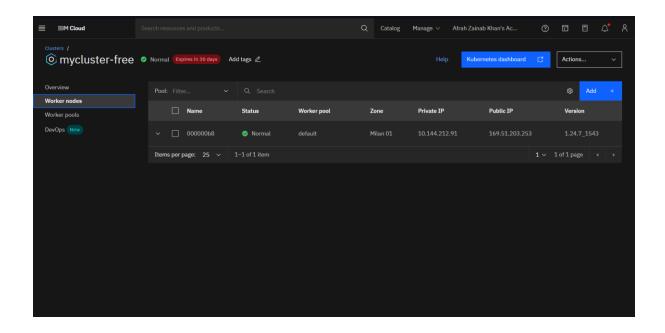
Create the cluster. The Region and cluster type are needed to create the cluster.



STEP 3:

After creating the cluster click on the work node to note the public IP.





STEP 4:

Next, create a Docker file in Flask app and type the following code within it.

```
FROM python:2.7

LABEL maintainer="Kunal Malhotra, kunal.malhotra1@ibm.com"

RUN apt-get update

RUN mkdir /app

WORKDIR /app

COPY . /app

RUN pip install -r requirements.txt

EXPOSE 5000

ENTRYPOINT [ "python" ]

CMD [ "app.py" ]
```

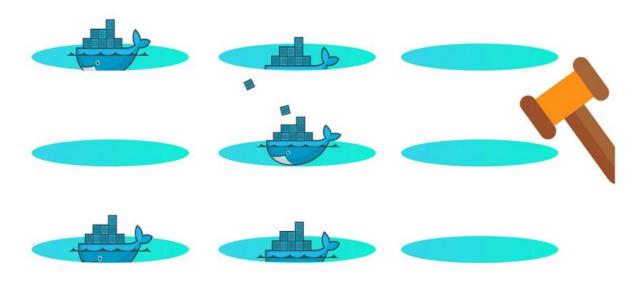
STEP 5:

Open the terminal and write this command to build an image from our Docker file, "docker build -t <image_name>:<tag>.

```
Security Security Control of Security S
```

STEP 6:

After building image successfully, Type "docker run -d -p 5000:5000 app.



STEP 7:

Docker Image Created Sucessfully.