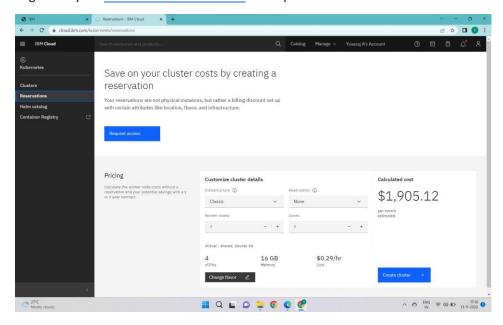
Deployment of App in IBM Cloud

Containerize the App (Docker Image Creation)

Date	14 NOV 2022
Team ID	PNT2022TMID47064
Project Name	Skill and Job Recommender
Team Members:	Abinaya.M ,Bharathiramana.R, Oohmshree.S,Ramkumar.V, Thamilvendhan.D

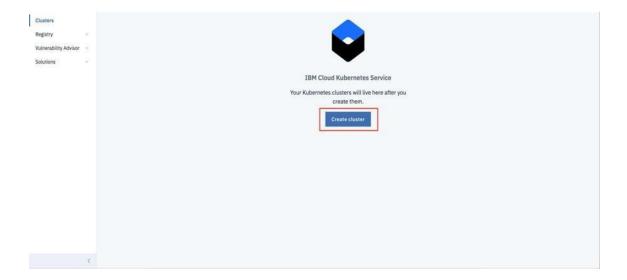
Step 1:

Sign in to your IBM Cloud Dashboard And Open IBM Kubernetes Service.



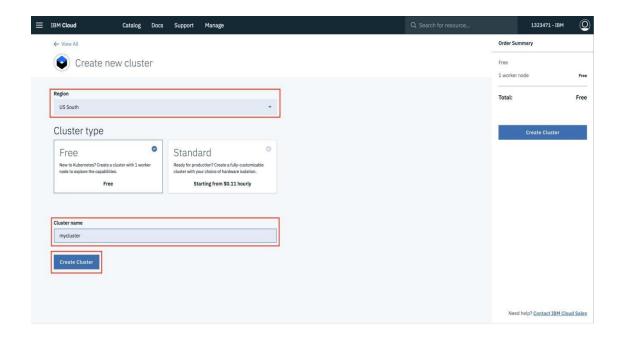
Step 2:

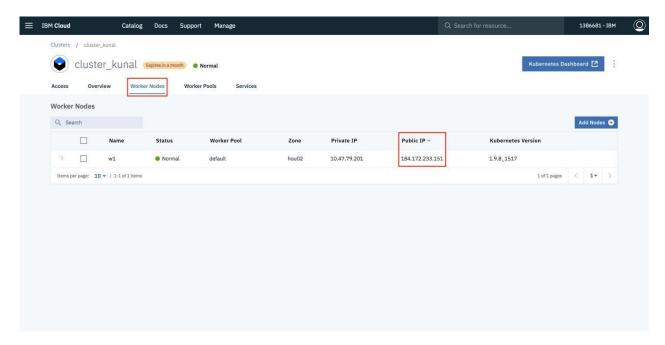
Create the **Cluster**. Give the Region and cluster type are need to create cluster.



Step 3:

After creating the cluster Click the Work Node to Note the pubic Id.





Step 4:

Next Create a Docker file in Flask App and Type a Following Code within it

```
FROM python:2.7

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

RUN apt-get update

RUN mkdir /app

WORKDIR /app

COPY . /app

RUN pip install -r requirements.txt

EXPOSE 5000

ENTRYPOINT [ "python" ]

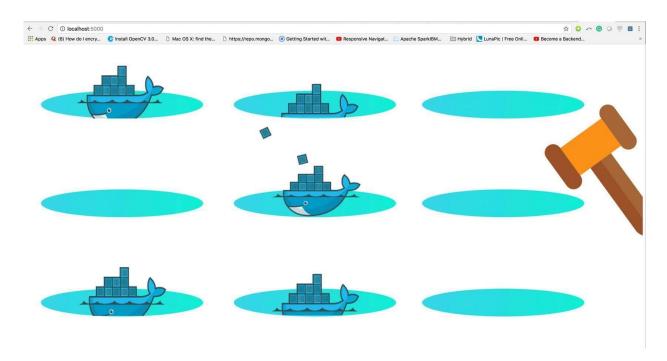
CMD [ "app.py" ]
```

Step 5:

Open the terminal and type this command to build an image from your Dockerfile: docker build -t <image_name>:<tag> .

Step 6:

After you build your image succesfully, type: docker run -d -p 5000:5000 app.



Step 7:

Docker Image Created Successfully.