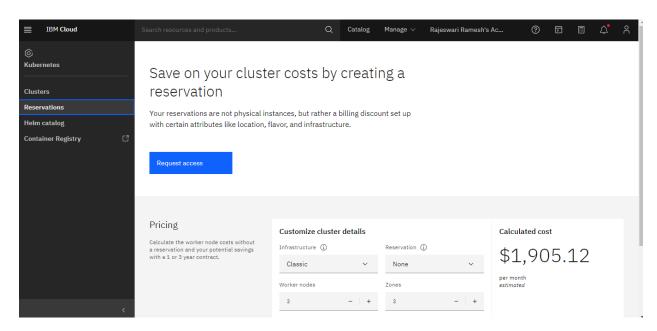
Deployment of App in IBM Cloud

Containerize the App (Docker Image Creation)

Date	11 NOV 2022		
Team ID	B2-2M4E		
Project Name	Skill and Job Recommender		
Team Members:	Rajeswari.R(Lead) , Arunjothi.V , Roshini.S		

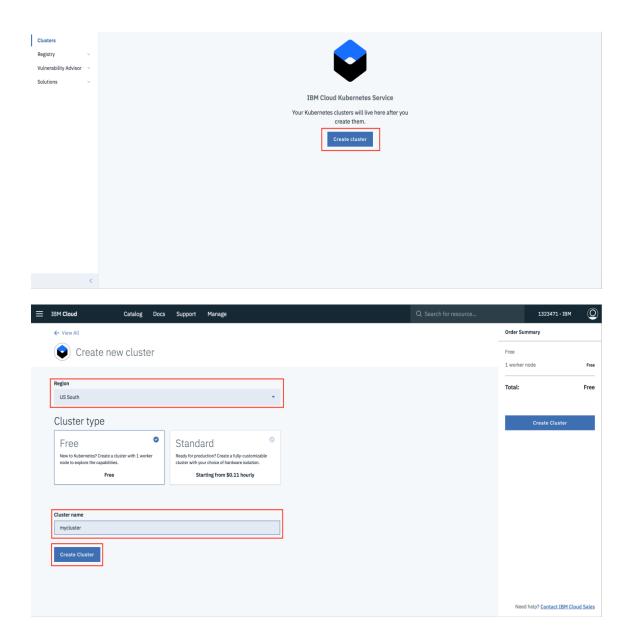
Step 1:

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



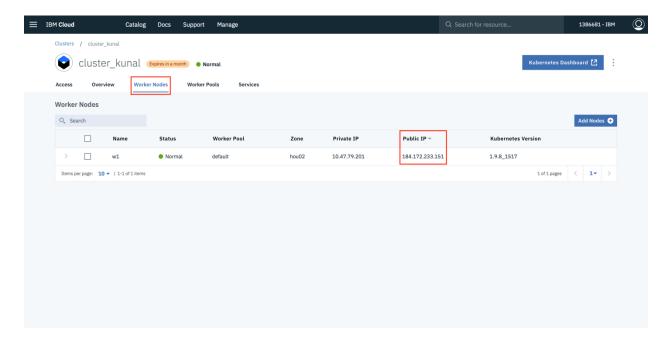
Step 2:

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" ]
```

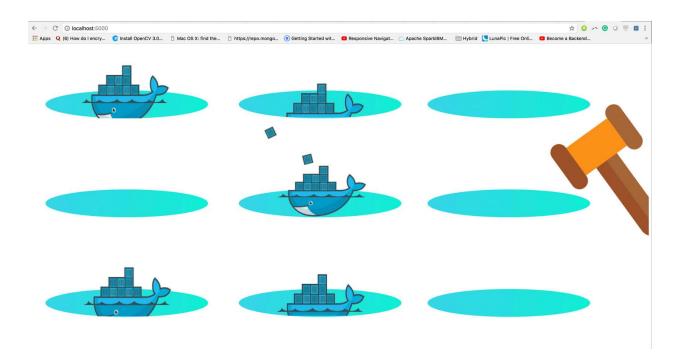
Step 5:

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

```
Security Sec
```

Step 6:

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



Step 7:

Docker Image Created Successfully.