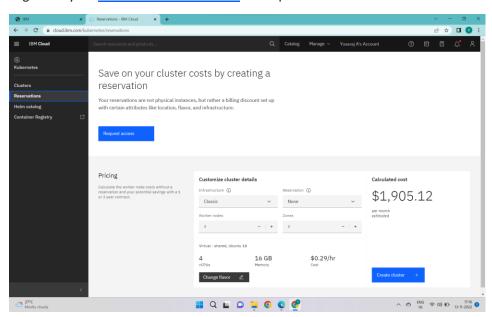
# **Deployment of App in IBM Cloud**

## **Containerize the App (Docker Image Creation)**

Date	11 NOV 2022
Team ID	PNT2022TMID17378
Project Name	Skill and Job Recommender
Team Members:	Vimalan V, Vinothkumar K, Visvesvaran S, Yuvaraj A

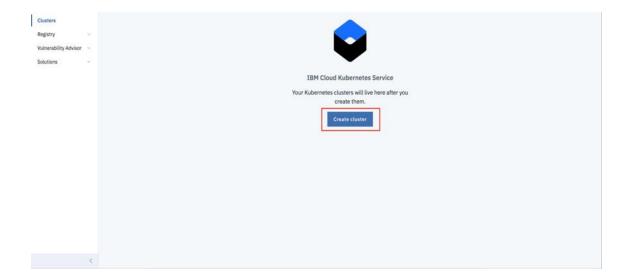
### Step 1:

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



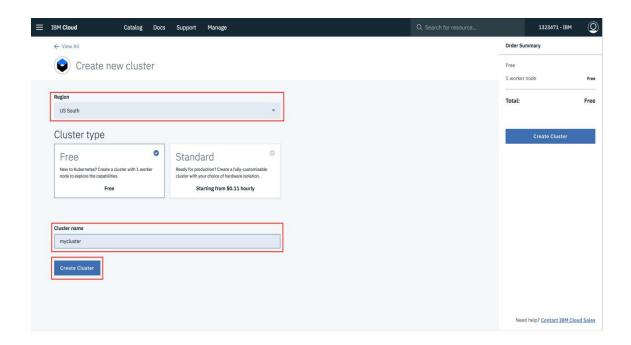
### Step 2:

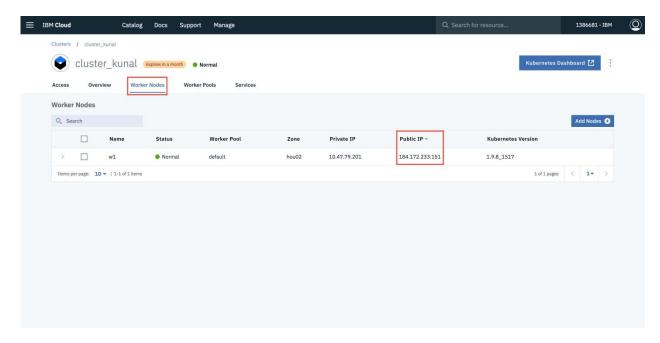
Create the **Cluster**. Give the Region and cluster type are need to create cluster.



## 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> .

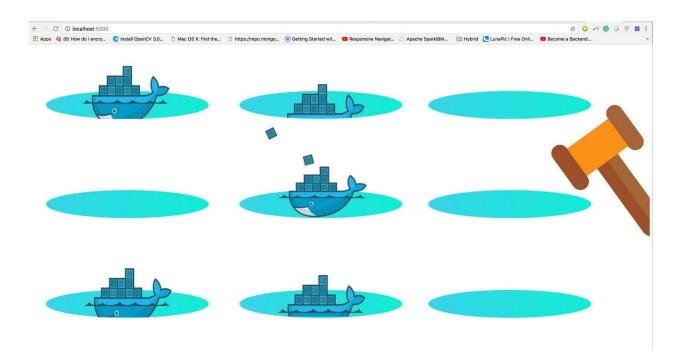
```
leaneds-risps with kurolinalitorizal decker build — app:latest .

Step JS : IRBN python 2, .

Step JS : IRBN pytho
```

### Step 6:

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



**Step 7:** 

Docker Image Created Successfully.