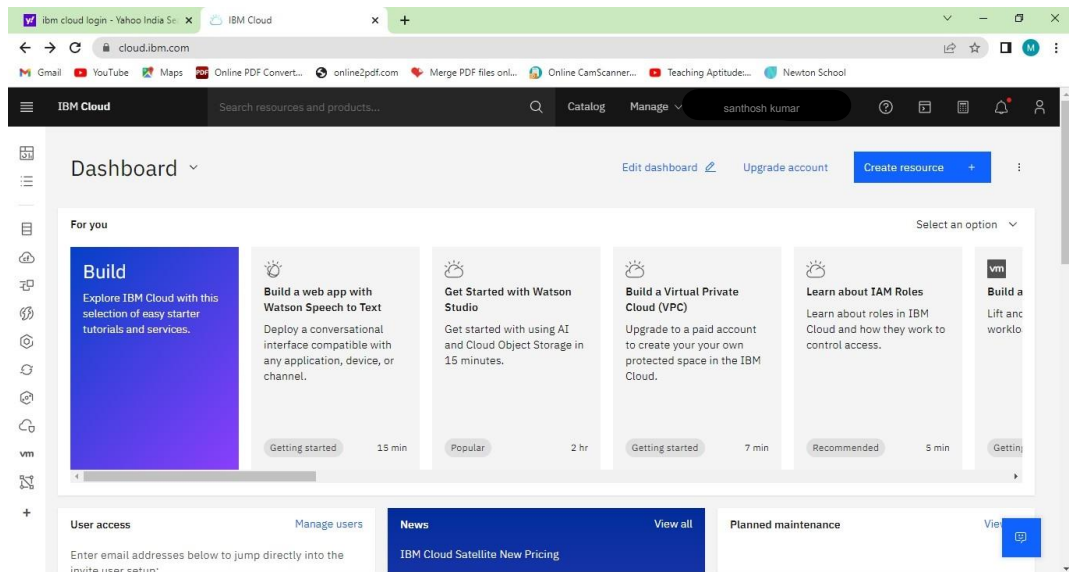


## Deploy in Kubernetes cluster

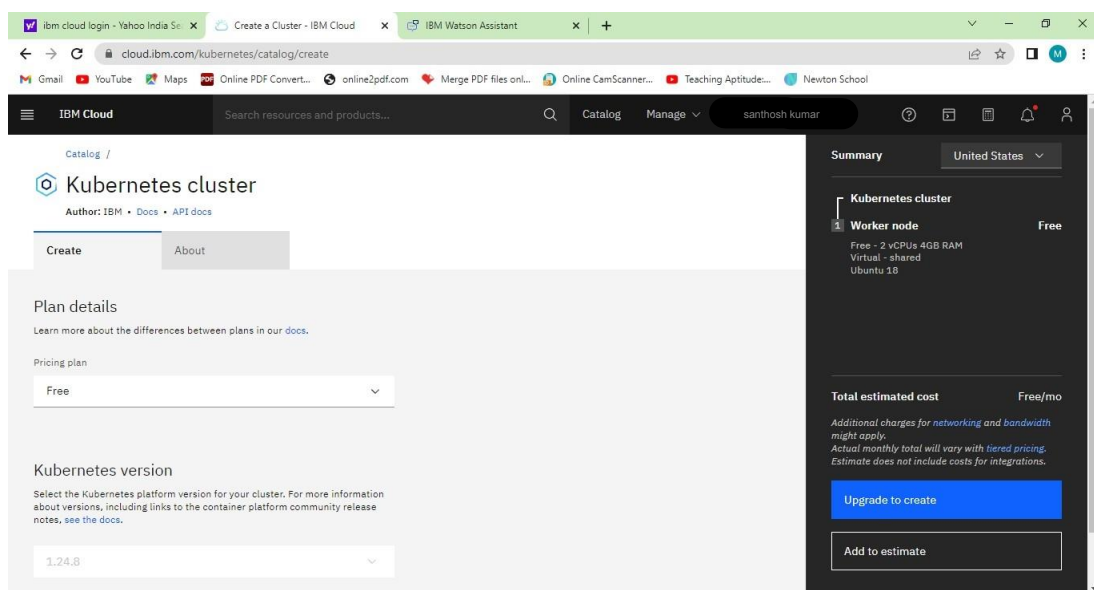
Team id	PNT2022TMID53891
Project Name	Skill and Job Recommender
Date	17.11.2022

### Create a Kubernetes cluster

1. Sign in to your [IBM Cloud Dashboard](#).
2. Open **IBM Kubernetes Service**



### Click Create Cluster.



1. Select the Region where you want to deploy the cluster, type in a name for your cluster, then click Create Cluster.
2. Select the appropriate cluster type depending on your account.
3. It takes some time for the cluster to get ready (around 30 minutes).

The screenshot shows the IBM Cloud Kubernetes dashboard for a cluster named 'mycluster-free'. The cluster is in a 'Pending' state. A warning banner indicates that the cluster will expire in 30 days. The dashboard provides an overview of the cluster's status, including node status, add-on status, master status, and ingress status. A 'Details' section shows the cluster ID, version, infrastructure type, and zones.

Node status	Add-on status	Master status	Ingress status
1 of 1 Pending	Error Unknown	Unknown	Pending

Cluster ID	Version	Infrastructure	Zones
cd4lm8f0ituv7vlp	1.24.8_1544	Classic	Milan 01

4. Once the cluster is ready, click on your cluster's name and you will be redirected to a new page with information about your cluster and work node.

The screenshot shows the 'Worker nodes' page for the 'mycluster-free' cluster. It displays a table of worker nodes with columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. A single node is listed with a status of 'Provision pending'. Below the table, there is a section for the node's ID, status, flavor, and VLANs.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000cd	Provision pending	default	Milan 01			1.24.7

ID	Status	Flavor	Private VLAN	Public VLAN
kube-cdr4lm8f0ituv7vlp-myclusterfr-default-000000cd	--	Free - 2 vCPUs 4GB RAM	2218181	2218179