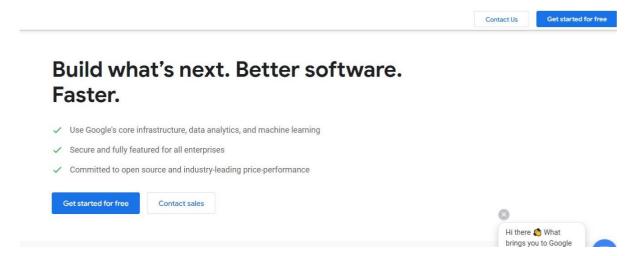
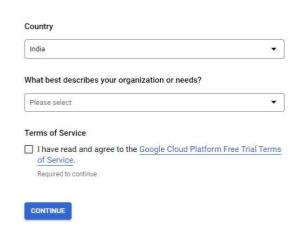
Module 1 – Assignment

Go to console.cloud.google.com and sign up for free.

Click on get started for free.



Fill all the details and verify your account using credit card details.

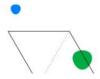


\$300 credit for free

Put Google Cloud to work with \$300 in credit to spend over the next 90 days.

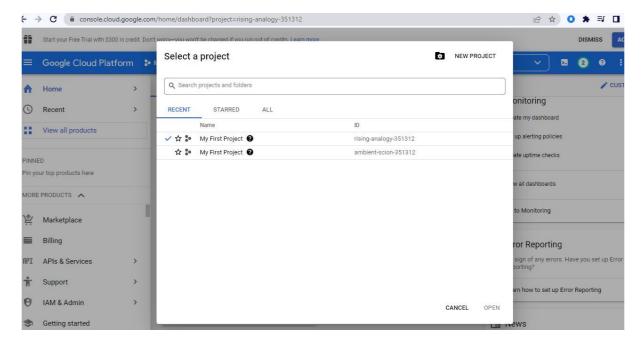
No autocharge after free trial ends

We ask you for your credit card to make sure you are not a robot. You won't be charged unless you manually upgrade to a paid account.

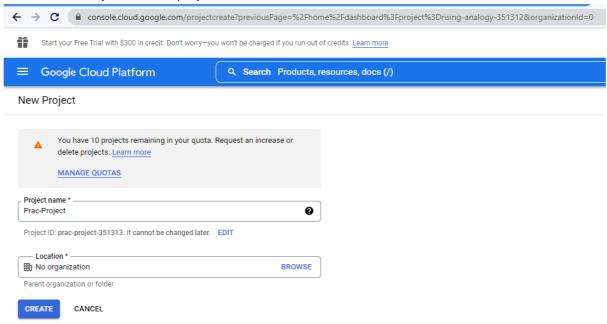


After verifying the account. I display the console page of GCP.

Now, Go to My first project and create a new project.

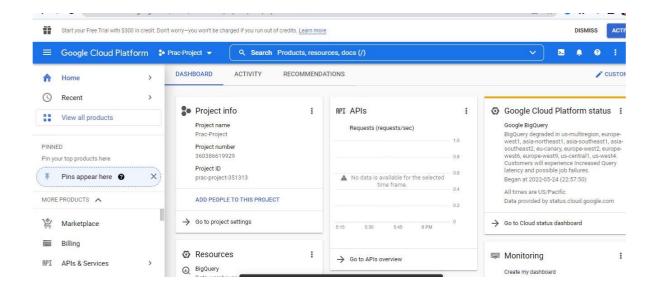


Click on New Project. Provide project name.

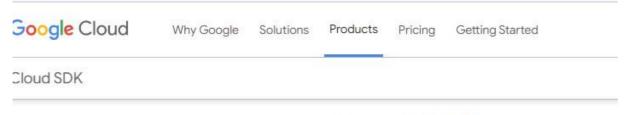


Project has been created.





Launching VM from gcloud local . For this we need o install cloud SDK.Go to browser and install it.



Cloud SDK

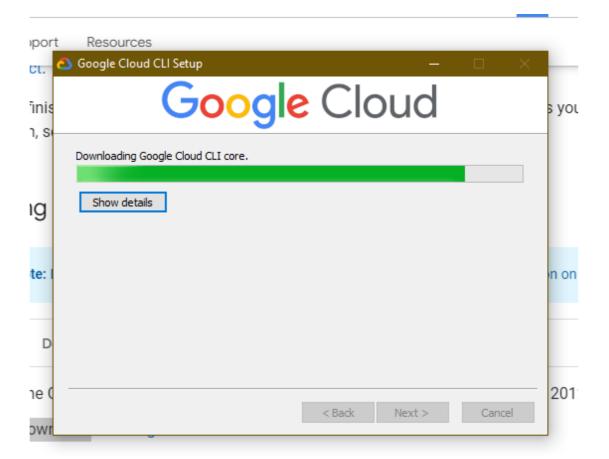
Cloud SDK: Libraries and
Command Line Interface

Libraries and tools for interacting with Goo services.

Try it free

Contact sales

Cloud sdk installed.



Gcloud CLI is ready. We need to configure it.

```
© C:\WINDOWS\SYSTEM32\cmd.exe-gcloud init

Welcome to the Google Cloud CLI! Run "gcloud -h" to get the list of available commands.

---
```

Gcloud configured.

```
Your current project has been set to: [prac-project-351313].

Do you want to configure a default Compute Region and Zone? (Y/n)? n

Created a default .boto configuration file at [c:\Users\pragya\.boto], See this file and [https://cloud.google.com/storage/docs/gsutil/commands/config] for more information about configuring Google cloud Storage. Your Google cloud Storage in Commands will preference project 'prac-project-351313' by default

**Commands will preference project 'prac-project-351313' by default

**Run gloud help config to learn how to change individual settings

This gcloud configuration is called (afefault). You can create additional configurations if you work with multiple accounts and/or projects.

**Run gcloud configuration is called (afefault). You can create additional configurations if you work with multiple accounts and/or projects.

**Run gcloud configuration's to learn more.

**Run gcloud --help' to see the Cloud Platform services you can interact with. And run 'gcloud help COMMAND' to get help on any gcloud command.

**Run gcloud topic --help' to learn about advanced features of the SDK like arg files and output formatting

**Run gcloud topic --help' to learn about advanced features of the SDK like arg files and output formatting

**C:\Users\pragya\AppBata\Loca\Google\Cloud SDK>gcloud --version

**Google Cloud SDK 387.0.0

**Google Cloud
```

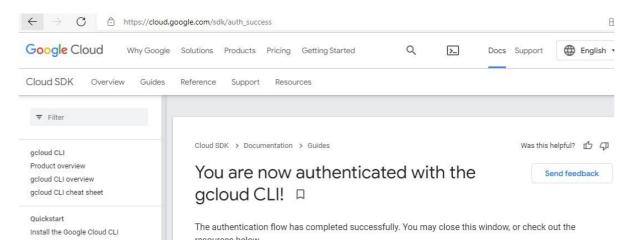
Run the command "gcloud init" to initialize the things.

```
C:\Users\pragya\AppData\Local\Google\Cloud SDK>gcloud init
Welcome! This command will take you through the configuration of gcloud.

Settings from your current configuration [default] are:
accessibility:
    screen_reader: 'False'
core:
    account: arpitacs0024@gmail.com
    disable_usage_reporting: 'False'
    project: prac-project-351313

Pick configuration to use:
[1] Re-initialize this configuration [default] with new settings
[2] Create a new configuration
Please enter your numeric choice:
```

Authenicate gcloud sdk and select our project.



```
Your browser has been opened to visit:

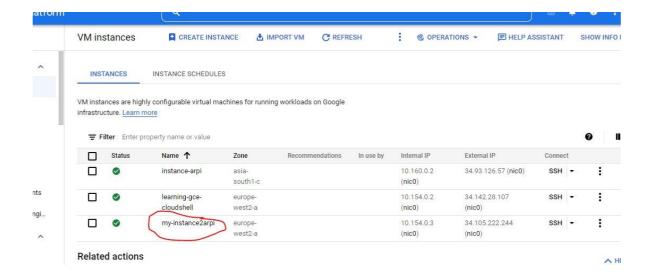
https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=32555940659.apps.googleusercontent.com&redirect_uni=http%2A%2F%2Flocalhost%3A8085%2F&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.reauth%2Fccompute+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.reauth%2Faccounts.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%2Faccounts.pence.googleapis.com%2Fauth%
```

To check account using.

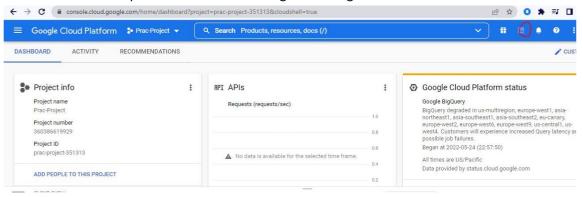
Instance has been created from the gcloud local.

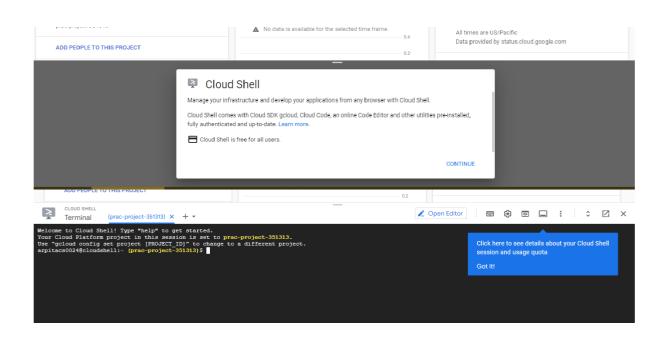
```
C:\Users\pragya\AppData\Local\Google\Cloud SDK>gcloud compute instances create my-instance2arpi --zone europe-west2-a
Created [https://www.googleapis.com/compute/v1/projects/prac-project-351313/zones/europe-west2-a/instances/my-instance2arpi].
NAME ZONE MACHINE_TYPE PREEMPTIBLE INTERNAL_IP EXTERNAL_IP STATUS
my-instance2arpi europe-west2-a n1-standard-1 10.154.0.3 34.105.222.244 RUNNING

C:\Users\pragya\AppData\Local\Google\Cloud SDK>
```

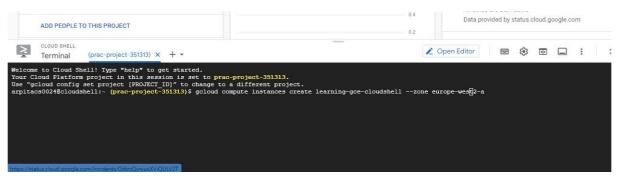


Go to below icon to open cloud shell. Launching VM from gcloud browser.

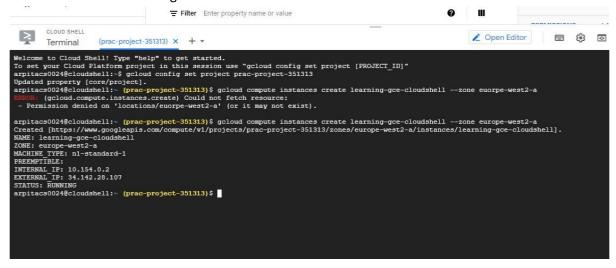


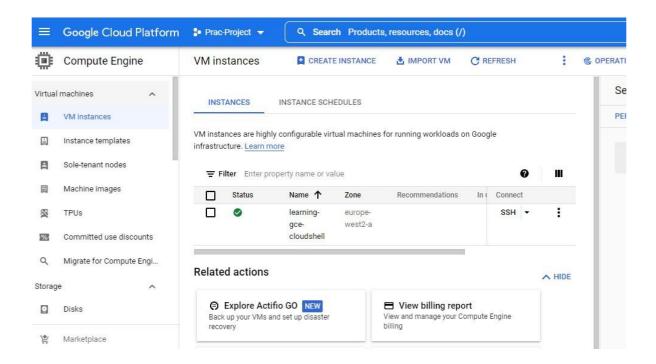


Create an instance using cloudshell.Run the below command.

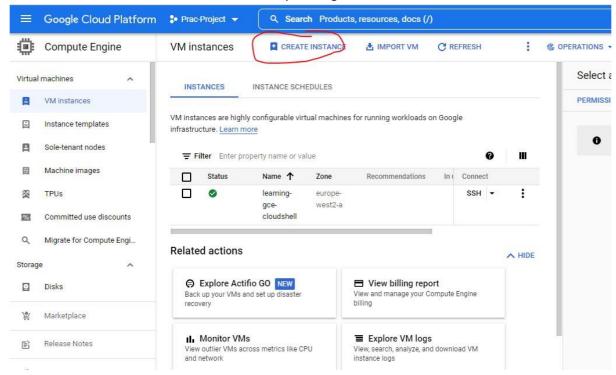


VM has been created from gcloud browser.

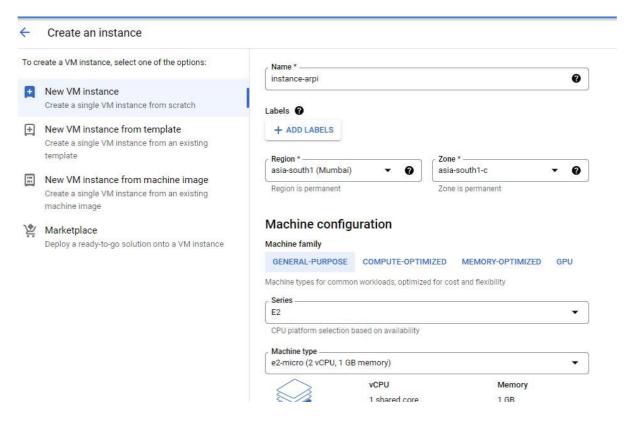


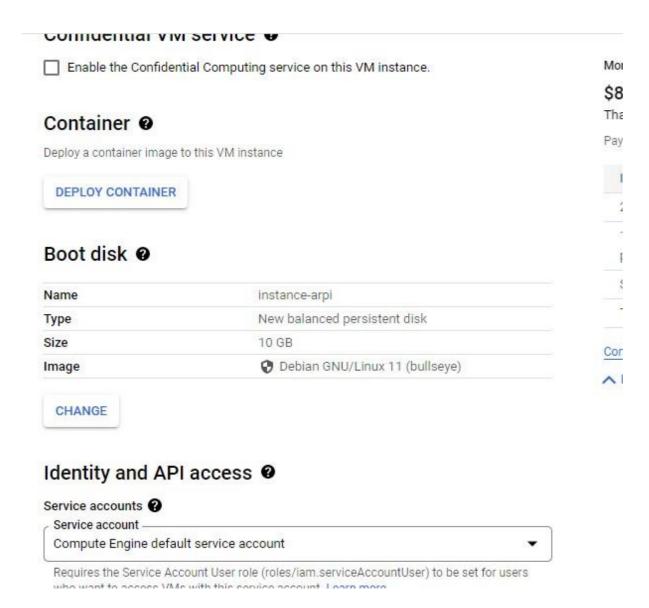


Let's create VM from web console. Go to Compute engine select VM and Click on Create instances.

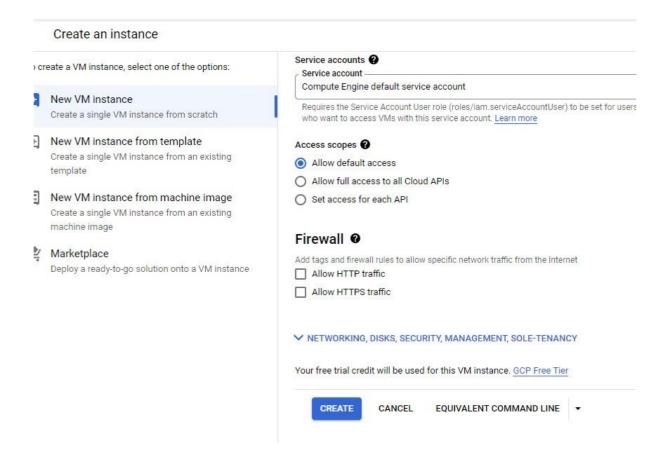


Provide name and regions and leave everything default.

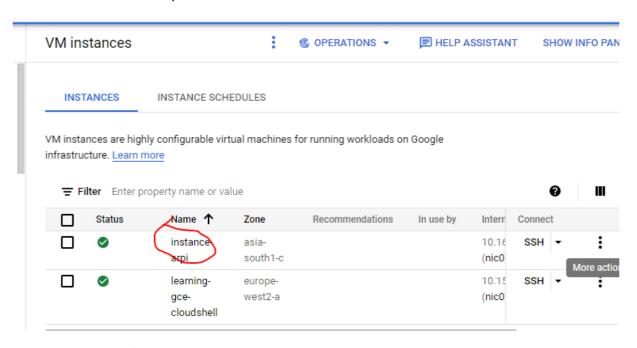




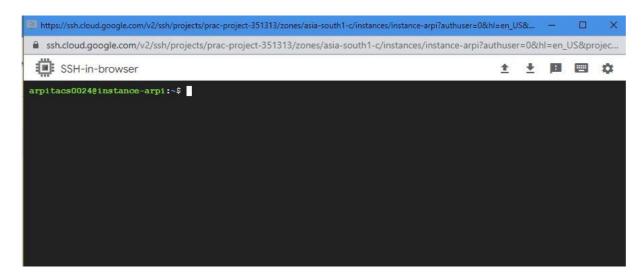
Now, create the instance.



Instance created sucessfully from web console.

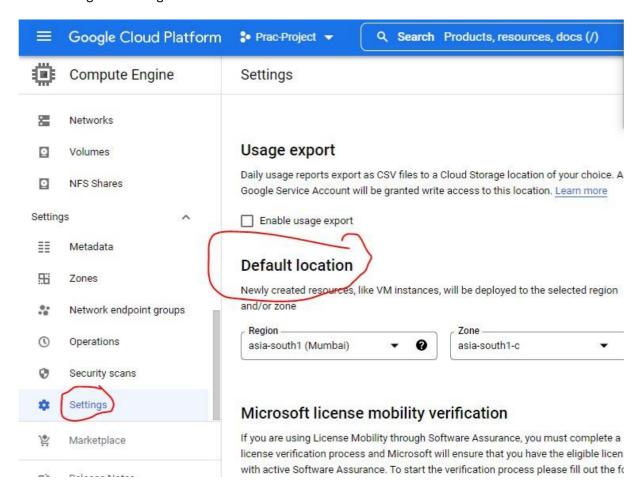


Logged into the VM from SSH option.



Change the default region of VM deployment to asia-south-1c.

Go to settings and change default location.



Next VM we create, it will create in this set location only.