**Launching an EC2 instance:**

Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the Amazon Web Services (AWS) cloud. Using Amazon EC2 eliminates your need to invest in hardware up front, so you can develop and deploy applications faster. You can use Amazon EC2 to launch as many or as few virtual servers as you need, configure security and networking, and manage storage. Amazon EC2 enables you to scale up or down to handle changes in requirements or spikes in popularity, reducing your need to forecast traffic.

Step 1:

Open AWS Console.

Select EC2 instance

Select Ubantu (Free tier)

Graphical user interface, text, application

Description automatically generated

Step2:

Choose the instance type

Select the free tier.

Table

Description automatically generated

Step 3:

Configure instance and add storage(select default)

Graphical user interface, text, application

Description automatically generated

Step 4: Configure the security group. Add the port range : 3000

Review and launch

Graphical user interface, text, application

Description automatically generated

Step 5: Create a new key pair and download it.

Graphical user interface, text, application

Description automatically generated

Step 6: Open SSH command

Graphical user interface, text, application, Word

Description automatically generated

Step 7: login to EC2 instance using the downloaded key-pair.

Text

Description automatically generated