**Creating template.**

**First finding from where the user data comes from.**

A screenshot of a computer

Description automatically generated

Click on **Select**.

Graphical user interface, text, application, email

Description automatically generated

Choose **t3.micro.**

Graphical user interface

Description automatically generated with low confidence

Go downwards at **Step3: Configure Instance Details** and see user data text box.

A screenshot of a computer

Description automatically generated

Type down code to install nginx server on ec2 in user data.

A screenshot of a computer

Description automatically generated

In **Step5: Add Tags** add tag with **Key** name and **Value** name value.

A screenshot of a computer

Description automatically generated

Step6: Configure Security create a new **Security Group** and add **HTTP** in it.

Graphical user interface, text, application

Description automatically generated

**Steg7: Review** click on **Launch.**

A screenshot of a computer

Description automatically generated

Here it’s up to us if we want to reuse the key or generate a new key.

Graphical user interface, text, application

Description automatically generated

Click on instance id or go to instance page if it is working.

A screenshot of a computer

Description automatically generated

Click on public iPv4 dns address to check if nginx is installed properly.

Graphical user interface, text, application, email

Description automatically generated

The main benefit of writing code in user data is we do not have to create clud9, no log in through ssh key and directly install nginx server successfully on an instance.

It is very much important when you have to create many instances and have to install nginx server on many instances. Atomization.