**2.Create an EC2 instance for a Reactjs application and deploy the application and provide public ip for it and also enable the cloud monitoring on this instances.**

EC2:

EC2 stands for Elastic Compute Cloud.

A web service that provides secure, resizable compute capacity in cloud.

Allows you to run servers in the cloud.

We can develop and deploy applications by eliminating invest on servers.

EC2 instance is a virtual server for running applications on AWS.

Go to EC2 and click on Launch instances

Step-1: Give the name for the instance

Step-2: Select AMI for the instance

Step-3: Select instance type

Step-4: Select the key pair

Step-5: Configure the network settings and security groups.

Step-6: Add storage and tags

Step-7: Launch the instance

Select the instance and go to the monitoring and then enable the cloud monitoring.

And connect the instance.

Commands:

sudo yum update

sudo yum install node. js

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curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash

. ~/.nvm/nvm.sh

nvm install --lts

nvm install 16

node --version

npx create-react-app myapp

npm install -g [npm@9.6.2](mailto:npm@9.6.2)

sudo yum install git

npm start

cd myapp

we can clone the repositories,

git clone [https://github.com/snehal-herovired/Devops\_Batch\_Aditya](https://github.com/snehal-herovired/Devops_Batch_Aditya.t).git

ls

npm install

npm run build

npm run start

And we can access our application with the public IP address of the instance.