**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**

Step1: Choose an Amazon Machine Image (AMI) that supports ReactJS and the required components. In this case, we will choose an AMI with Node.js and ReactJS pre-installed.

Step2: Launch an EC2 instance with the chosen AMI. also configure other settings like security groups, key pairs, and user data.

Step3: SSH into the EC2 instance and navigate to the desired directory where we want to deploy our ReactJS application. clone our application's Git repository, or copy the application files using SFTP or any other file transfer protocol.

Step4: Install the required dependencies for your ReactJS application using npm

Step5: we can then start your application using a command like **npm start**

we can use the following commands

**sudo yum update**

**sudo yum install node. js**

**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 my-app**

**npm install -g npm@9.6.2**

**npm start**

**we can also clone the github repository**

Step6: Once our application is running, we can access it using the public IP address of our EC2 instance. We must Make sure to configure any required firewall rules to allow inbound traffic to our application**.**

Step7: To enable cloud monitoring, we can use Amazon CloudWatch. we can install the CloudWatch agent on our EC2 instance to collect and monitor system and application metrics like CPU usage, memory usage, and network traffic. we can also create alarms based on these metrics to notify us of any performance or availability issues.