

## 1. Hands-on EC2

Create an EC2 instance, connect to it from your local system and install apache web server on the EC2 instance.

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C:\Users\ec2-user@ip-172-31-25-63-~>
E:\Cognizant\Practice Folder\Cloud\EC2 Handson>Ssh -i demoRachna.pem ec2-user@52.14.234.135
The authenticity of host '52.14.234.135 (52.14.234.135)' can't be established.
ECDSA key fingerprint is SHA256:F4exrv6oHG3lTfu0PKvIC7nRK/OwAJVxKGBOCRP7fNQ.
Are you sure you want to continue connecting (yes/no)? SHA256:stringoflettersandnumbers
Please type 'yes' or 'no': yes
Warning: Permanently added '52.14.234.135' (ECDSA) to the list of known hosts.
Connection closed by 52.14.234.135 port 22

E:\Cognizant\Practice Folder\Cloud\EC2 Handson>ssh -o UserKnownHostsFile=/dev/null -o StrictHostKeyChecking=no
usage: ssh [-46AaCfGgKKMNqqsTtvVxxYy] [-B bind_interface]
           [-b bind_address] [-c cipher_spec] [-D [bind_address:]port]
           [-E log_file] [-e escape_char] [-F configfile] [-I pkcs11]
           [-i identity_file] [-J [user@]host[:port]] [-L address]
           [-l login_name] [-m mac_spec] [-O ctl_cmd] [-o option] [-p port]
           [-Q query_option] [-R address] [-S ctl_path] [-W host:port]
           [-w local_tun[:remote_tun]] destination [command]

E:\Cognizant\Practice Folder\Cloud\EC2 Handson>Ssh -i demoRachna.pem ec2-user@52.14.234.135
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@                WARNING: UNPROTECTED PRIVATE KEY FILE!                @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions for 'demoRachna.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "demoRachna.pem": bad permissions
ec2-user@52.14.234.135: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).

E:\Cognizant\Practice Folder\Cloud\EC2 Handson>Ssh -i demoRachna.pem ec2-user@52.14.234.135

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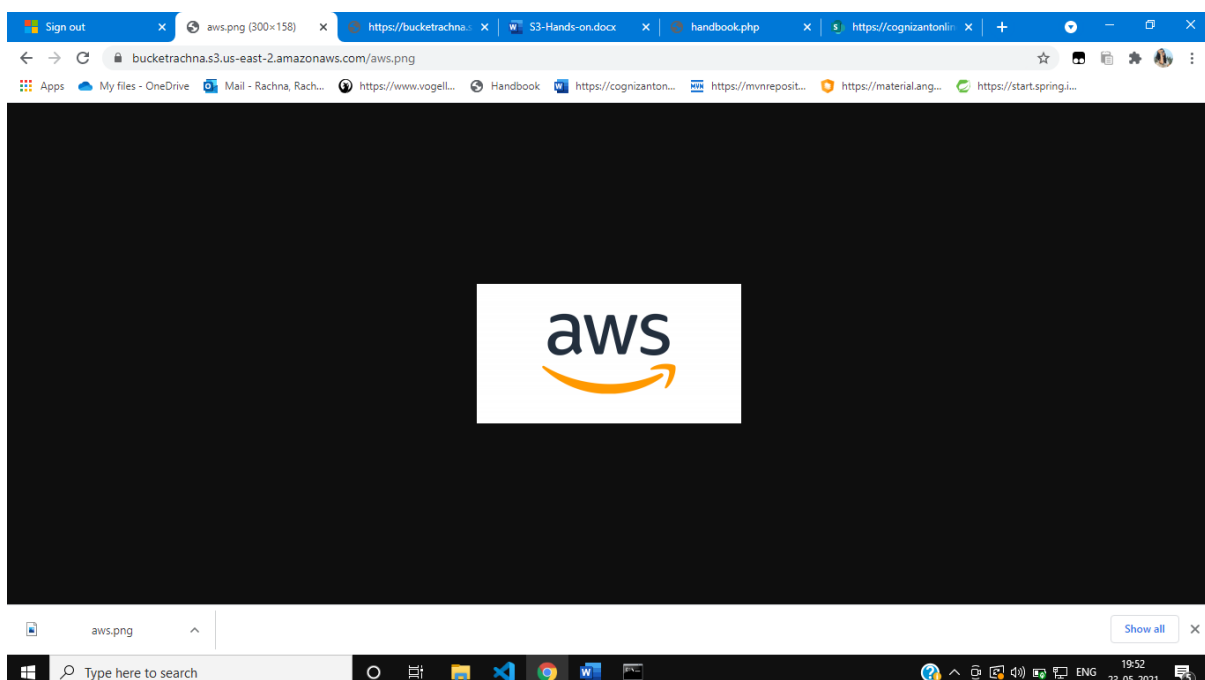
 Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-25-63 ~]$

```

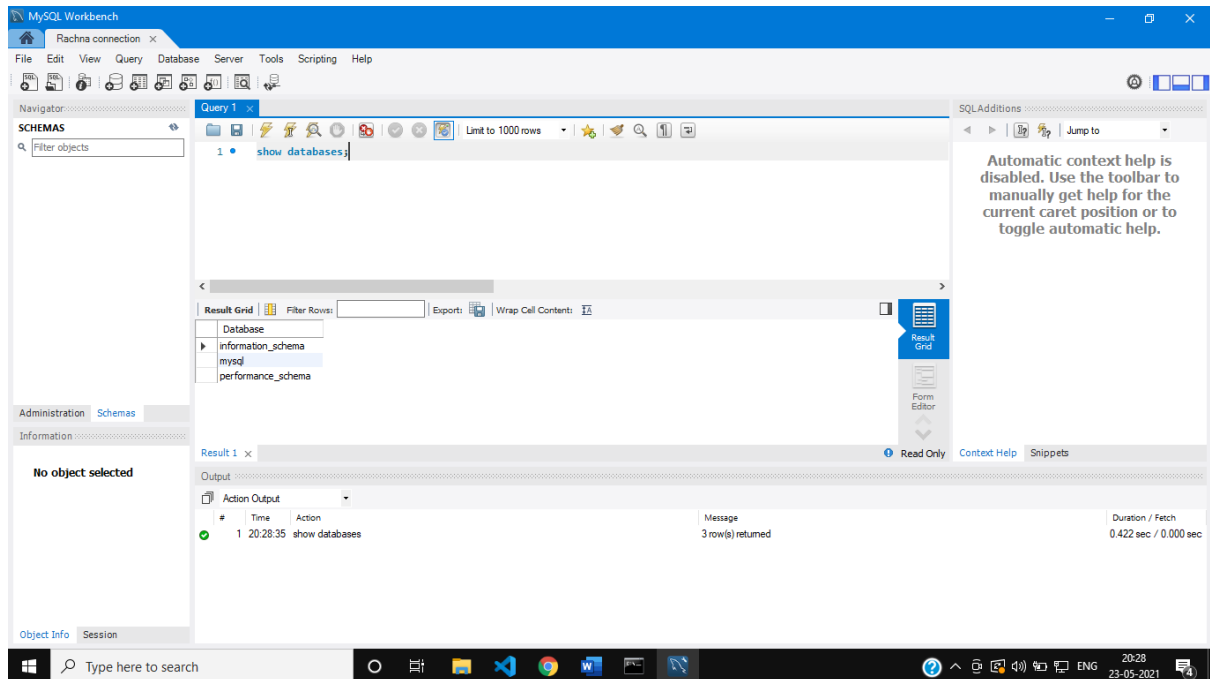
## 2. Hands-on S3

Create a S3 bucket and store an object in it. Enable to Object for public access so that anyone can access it through a web browser.



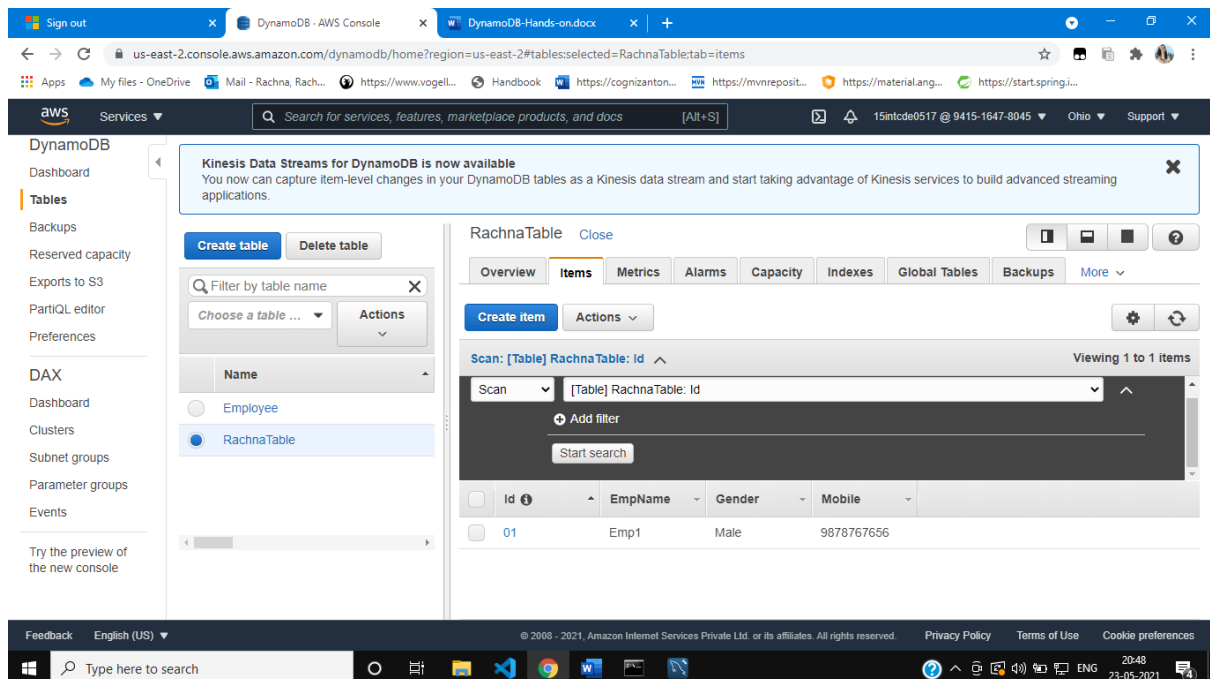
### 3. RDS Handson

Create a RDS database in AWS and access it through the local client tool.



### 4. DynamoDB Handson

Create a DynamoDB database table and store items in the database.



## 5. CI/CD Handson

