**AWS: How to create EC2 Instance**

1. Login to your Account
2. Select EC2
3. Enter/Type the name of your Instance (e.i: MyTestInstance)
4. Select the Application & OS Image (e.i: OS: Ubuntu, Windows, Red Hat)
5. Select the Instance Type (i.e. : t1.micro, t2.micro, C5.large)
6. Key Pair(Login):
   1. If available than select that
   2. if not create new key pair
      1. Enter the name of key pair
      2. Select the key pair type (e.i. : RSA or ED25519)
      3. Select the Private key file format (e.i : .pem(For use with OpenSSH) or .ppk(for use with PuTTY))
7. Network Setting
   1. Create or select the Firewall(Security group)
8. Configure Storage
   1. Add New Volume
   2. File System
9. Advance Details
   1. Request for spot instance
   2. Domain join directory
   3. IMA Instance Profile setup

How Login & get Access AWS instance from local system

* + - 1. Download & Install PuTTY or mobaxterm
      2. Get .PPK or .PEM file from AWS Console
      3. Convert .PEM file into private file (OpenSSH Authorization Key file )by using the PuTTY Gen. Not required for macOS
         1. Open PUTTYGen(Automatically install with Putty)
         2. Load your .PEM file
         3. Save the private
      4. Get IP & Users Details from AWS console
      5. Open PuTTY
      6. Enter your ID/Host Details with port number
      7. Click on Connection => SSH => Auth => Browse your new generate file(Putty Private key file on window machine) for MacOS(simple use .PEM file)









