VPC ( Virtual privet cloud)

**Go to the VPC**

Select **Your VPCs**

Select **vpc** only

Name:- **My-vpc**

Put ip **10.0.0.0/16** this is used subnetting concept

Tenancy – **Default**  --- if you are change then you pay money

**Create VPC**

Go to **subnet**

Now you see the default subnet

Create **new subnet**

Select vpc Id :- **my-vpc**

Put Subnet name:- **my-sub**

Availability zone :select **any one 1a**

Ipv4 CIDR block :- put **10.0.1.0/24**

**Create subnet**

Go to **internet getways**

**Create internet getway**

**Name:- my-gate-way**

**Create gate way**

Go to the **route tables**

**Create route table**

Name:- **my-rout-RT**

Vpc :-**my-vpc**

**Create route table**

Go to the **internet getway**

Select **my-getway**

Select **action**

**Attach vpc**

Selct :- **my-VPC**  --when we create

**Attach getway**

Select **route** -**my-route-rt**

**Edit route** :- **add route** :-**0.0.0.0/0** next select **internet gatway** **save** changes

Select **subnet association** :- **edit subnet association**

Select :- **subnet** **save**

Go to **instance EC2** for checking your vpc is properly running or not

**Launch instance**

Name:- **vpc-instance**

**Iamge -ami**

**T2 micro**

Select **key**

**Network setting** :- **edit**

**Vpc select** :- **my vpc**

**Auto-assign public ip**:- **Enable**

**Create security group**

Put name :- **vpc-security**

**Launch**