**Features of EC2 instance in AWS**

For creating ec2 instance below details needed:

1. Instance name
2. Instance type ex t2-micro, t2-nano
3. OS image (AMI) ex: Amazon Linux, RedHat Linux
4. Key-pair to securely ssh to the instance
5. security group (by selecting or creation security groups with inbound or outbound rules)
6. EBS volume (connected to EC2 instance as drive)
7. user data (In advanced details section) contains initial scripts for installing software

after booting up.

**Additional features**

New AMI can be created from a running ec2 instance and that can be used to boot up new ec2 instance, which will contain all the installed software from the instance it was created from.

**EC2 instance store**

* There is no **instance storage** available with “**t2**.**micro**”
* Better i/o performance as these are the discs attached to the instance not a network drive.
* Lose data if instance is stopped.
* Better for temporary content
* Risk of loosing date in case of hardware fails.