# AWS EC2

Author- Amol Shete

# Introduction

**Welcome to our presentation on Amazon Web Services (AWS) Elastic Compute Cloud (EC2). In this presentation, we will be introducing you to the basics of EC2, what it is, and how you can use it to your advantage.**

# How does it work?

When you launch an EC2 instance, you are essentially spinning up a virtual machine in the cloud. You can choose from a variety of operating systems, including Windows and Linux, and configure the instance with various resources such as CPU, memory, and storage.

Once your instance is running, you can access it remotely and use it for a variety of tasks such as running applications, hosting websites, and storing data.

# Benefits of EC2:

Scalability: You can easily increase or decrease the number of instances based on your needs, which means you only pay for what you use.

Flexibility: You can choose from a variety of operating systems, configurations, and resources, making it easy to find the perfect fit for your workload.

Security: EC2 instances are highly secure and can be configured with various security measures such as firewalls and encryption.

Global availability: EC2 instances can be launched in multiple regions and availability zones, making it easy to run your workloads closer to your customers.

# Use Cases:

Web and application hosting: EC2 instances can be used to host websites and web applications, providing a scalable and reliable solution.

Data processing and analysis: EC2 instances can be used to process and analyze large data sets, making it easy to gain insights and make data-driven decisions.

Backup and disaster recovery: EC2 instances can be used to create backups of your data and applications, providing a reliable disaster recovery solution.

# Thank You