

**Everything about  
Cloud Computing!**



## **Amazon Web Services and DevOps**

Cloud has become the go-to place today for storage, computation, security, analytics and many other services. The cloud is disrupting the analytics industry and taking over processes and applications by storm! This course helps you understand the fundamentals of AWS and the DevOps lifecycle.

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**Start your Cloud journey with  
us.**

There are no prerequisites needed to attend this course.

**A short  
course in  
8 hours.**



## **What You'll Learn**

The workshop will provide a basic understanding of the nuances and elements of the Cloud and DevOps, different components of the amazon web services and how one can deploy an application quickly and easily to the cloud. The workshop will comprise of a hands-on session, wherein participants will get an opportunity to build an application and deploy an application on the cloud.

**Learn how you can use Cloud  
Services for your system!**

# About the Course

These are the key takeaways that participants will gain:

- Knowledge about traditional SDLC
- Methodology of Scrum & Agile
- DevOps Toolsets
- Introduction to Cloud
- AWS Concepts & Features

It's about your goals & your future!

# Course Outline

## Module 1: DevOps Lifecycle

This section covers the traditional SDLC, its drawbacks and how the modern software methodologies help to optimize the development and maintenance process.

- Traditional Software Development Life Cycle
- Transitioning to Modern Software Development Life Cycle
- Scrum & Agile Methodology
- End to end DevOps Workflow
- DevOps Toolsets
- Working with DevOps Tools (Demos)

## Module 2: Cloud Computing with Amazon Web Services (AWS)

Cloud today is fast becoming one of the most important components of any software system. This section covers the basic components of the cloud using Amazon Web Services as the cloud software provider, how an application can be built and deployed on the cloud very quickly and the advantages of using the cloud as part of a software system.

- Introduction to the Cloud and its Types
- Introduction to Amazon Web Services Cloud Computing
- AWS Account Basics
- Basic components of Amazon Web Services
- Compute, Storage & Networking on AWS
- Sample AWS Application Architectures
- Deploying an end to end Cloud Application (Hands-on)
- AWS Security Features



# Join us & launch your career in data science.

It's time to upskill for the Industry 4.0

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