



Softcrayons

# AMAZON WEB SERVICES

**Empowering minds  
shaping futures**



PROFESSIONAL CERTIFICATION IN

# AMAZON WEB SERVICES(AWS)



**PROSPECTUS**





# Key Advantages of Choosing Softcrayons

## FOR STUDENTS

**Supplemental Learning Resources:** Softcrayons offers offline and online courses, educational materials, and additional resources that can complement and enhance college students' learning.

**Skill Development:** Softcrayons offer courses and certifications focused on developing specific skills that are in high demand in the job market.

**Career Exploration:** Softcrayons offer a wide range of courses across various disciplines, enabling college students to explore different fields and potential career paths.

**Industry Relevance:** Softcrayons frequently collaborates with industry professionals and experts to ensure that the knowledge and skills imparted are relevant and aligned with current industry practices and trends.

## FOR FREELANCER & JOB SEEKER

**Flexibility:** Softcrayons offers online courses and programs that can be accessed from anywhere.

**Skill Development:** To acquire in-demand skills according to the latest industry trends and technologies to stay competitive in the job market.

# Key Advantages of Choosing Softcrayons

**Certifications:** Softcrayons provides you with Professional Certifications and helps you with Resume Enhancement.

**Career Support:** Softcrayons also offers career counseling and job placement assistance, which can be invaluable for freelancers seeking new projects or job seekers looking for employment.

## FOR ENTREPRENEURS AND BUSINESS OWNER

**Upskilling and Reskilling:** As the business landscape evolves rapidly, Softcrayons ensure that you stay up-to-date with the latest trends, technologies, and best practices.

**Flexible Learning:** Online courses offered by Softcrayons allow you to learn at your own pace, fitting your studies around your busy schedules.

**Entrepreneurial Skills Development:** Softcrayons offers courses and programs specifically designed to help entrepreneurs develop essential skills.

**Cost-effective:** Softcrayons provides more affordable learning options that help you invest in your professional development without straining your budget.



# About The Program

---



Our AWS Training course is meticulously designed to cover the fundamentals and advanced concepts of Amazon Web Services. The curriculum includes cloud architecture, deployment, management, and security. The course is structured to provide hands-on experience with real-world scenarios, enabling students to apply their knowledge in practical environments. By the end of the course, students will be proficient in using various AWS services and solutions. The primary objective of this course is to provide in-depth knowledge and practical experience in AWS. By the end of the training, you'll be able to design, deploy, and manage scalable cloud solutions, and you'll be fully prepared to take AWS certification exams.



[info@softcrayons.com](mailto:info@softcrayons.com)



[www.softcrayons.com](http://www.softcrayons.com)

# INDEX



- 1 INTRODUCTION TO AWS**
- 2 COMPUTE SERVICES**
- 3 STORAGE SERVICES**
- 4 NETWORKING SERVICES**
- 5 DATABASE SERVICES**
- 6 IDENTITY & SECURITY MANAGEMENT**
- 7 SERVERLESS ARCHITECTURE**
- 8 MONITORING & OPTIMIZATION**
- 9 DEVOPS TOOLS**
- 10 DATA ANALYTICS & AI SERVICES**
- 11 HYBRID CLOUD & MIGRATION**
- 12 AWS SECURITY BEST PRACTICES**
- 13 HANDS-ON LABS**
- 14 REVIEW & PRACTICE EXAMS**

# AMAZON WEB SERVICES

## TRAINING CURRICULUM

### 1 Introduction to AWS

#### – Day 1

- Introduction to Cloud Computing
- Overview of AWS Global Infrastructure
- AWS Core Services
- Setting up AWS Free Tier Account

### 2 Compute Services

#### – Day 2

- Introduction to Amazon EC2
- Launching and Configuring EC2 Instances
- Elastic Load Balancing (ELB)
- Auto Scaling Groups

### 3 Storage Services

#### – Day 3

- Introduction to Amazon S3
- Creating Buckets and Managing Objects
- S3 Storage Classes and Versioning
- Amazon EBS and EFS Overview

### 4 Networking Services

#### – Day 4

- Introduction to Amazon VPC
- Creating Subnets, Route Tables, and Internet Gateways
- Security Groups and Network ACLs
- Elastic IPs and VPC Peering



## 5 Database Services

### – Day 5

- Introduction to Amazon RDS
- Launching RDS Instances
- Amazon DynamoDB Overview
- Aurora and Redshift Basics

## 6 Identity & Security Management

### – Day 6

- AWS Identity and Access Management (IAM)
- Setting up Users, Groups, and Roles
- Amazon CloudWatch and CloudTrail
- AWS Key Management Service (KMS)

## 7 Serverless Architecture

### – Day 7

- Introduction to AWS Lambda
- API Gateway Integration
- Building Serverless Applications
- AWS Step Functions

## 8 Monitoring & Optimization

### – Day 8

- AWS CloudWatch Detailed Monitoring
- Cost Optimization Strategies
- AWS Trusted Advisor
- AWS Compute Optimizer

## 9 DevOps Tools

### – Day 9

- Introduction to AWS CodePipeline
- Using AWS CodeBuild and CodeDeploy
- Amazon ECS and ECR
- Setting up CI/CD Pipelines



## 10 Data Analytics & AI Services

### – Day 10

- Introduction to Amazon Athena and Glue
- QuickSight Overview
- Amazon Machine Learning Services (SageMaker)
- Use Cases for AWS AI Services

## 11 Hybrid Cloud & Migration

### – Day 11

- AWS Storage Gateway Overview
- Migrating Data using AWS DMS
- Introduction to AWS Outposts
- Best Practices for Cloud Migration

## 12 AWS Security Best Practices

### – Day 12

- Shared Responsibility Model
- Configuring WAF and Shield
- Disaster Recovery Strategies
- Data Encryption Best Practices

## 13 Hands-On Labs

### – Day 13

- Deploying a 3-tier Web Application
- Configuring a Secure VPC
- Automating with CloudFormation Templates
- Real-time Data Processing with Kinesis

## 14 Review & Practice Exams

### – Day 14

- AWS Certification Exam Tips
- Practice Questions & Mock Tests
- Final Review of Key Concepts
- Q&A Session

# Testimonials of Students



**priyank kaushik**

1 review

★★★★★ 2 months ago

Hello dear learner I am industry experience candidate.i have done my AWS training from softcrayons noida.and I want share my experience with you.my experience with trainer and shivi Tyagi ma'am was very good.they have experience trainer and ... [More](#)



**DALEEP SINGH**

11 reviews · 2 photos

★★★★★ 3 months ago

I am done my training from softcrayons . This is the best training center for practical learning in azure thank you softcrayons. And thank all softcrayons staff



# PLACEMENT COMPANIES







# **SOFTCRAYONS®**



## GAZIABAD

693, Sector 14-A, Vasundhara,  
Ghaziabad, UP (201012)

## NOIDA

B-132, Sector 2, Near Sector 15  
Metro Station, Noida UP (201301)