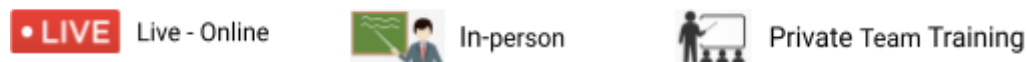


Cloud Business Analysis

COURSE DETAILS DOCUMENT



Prerequisites

Truly speaking there are no absolute prerequisites to become a successful Cloud Business Analyst. But it would be nice to have the following to become a successful business analyst:

- Basic computing skills (MS Office like Word, Excel and PowerPoint).
- Decent communication skills (verbal and writing in English).
- Comfortable talking to people.

If you have these three things, we guarantee to transform you into a Cloud business analyst.

As cloud computing becomes the backbone of modern digital infrastructure, businesses are increasingly migrating their operations to platforms like AWS, Microsoft Azure, and Google Cloud Platform (GCP) to enhance scalability, security, and efficiency. However, this shift is not just a technical transformation—it requires a deep understanding of business needs, compliance, cost models, and cross-functional collaboration. This is where the role of a Cloud Business Analyst becomes mission critical.

A Cloud Business Analyst serves as the strategic link between business stakeholders and cloud engineering teams. These professionals are responsible for gathering cloud-specific requirements, analyzing business processes for cloud readiness, supporting migration and transformation initiatives, and ensuring that cloud solutions align with organizational goals.

To meet the rising industry demand, Skillcubator's Cloud Business Analyst Training is designed to bridge the gap between traditional business analysis and emerging cloud technologies. This program equips learners with the practical skills to contribute effectively to cloud-based projects by covering cloud fundamentals, business analysis techniques, and real-world cloud use cases.

Whether you're a business analyst transitioning to cloud projects, an IT professional aiming for a more strategic role, or a career changer seeking future-proof skills, this program provides a structured pathway to succeed as a Cloud Business Analyst in today's digital enterprise landscape.

Is This Program Right for You?

This training program is designed for professionals who want to play a pivotal role in cloud transformation projects by bridging business needs with cloud-based solutions. You should consider this course if you are:

- Aspiring Business Analysts seeking to specialize in cloud platforms such as AWS, Azure, or Google Cloud.
- Existing Business Analysts who want to expand their expertise into cloud migration, infrastructure, and service delivery.
- IT Professionals, Project Managers, or QA Analysts working on or planning to work on cloud initiatives.
- Cloud Administrators or Developers looking to build stronger business-facing and requirement analysis skills.
- Career Changers or Graduates aiming to break into the high-growth field of cloud computing with a business centric role.

If you're interested in aligning business strategy with scalable cloud solutions, managing digital transformation projects, and learning how to evaluate cloud service models from a business lens, this program is a perfect fit for you.

Course Objective:

The Cloud Business Analyst Training Program is designed to develop a hybrid skill set that combines core business analysis techniques with an understanding of cloud technologies and project lifecycle. By the end of this course, participants will be able to:

- Understand the fundamentals of cloud computing (IaaS, PaaS, SaaS) and major platforms like AWS, Azure, and GCP. More emphasis will be given to AWS since it's the market leader in cloud computing space.
- Analyze and document cloud-specific business requirements, processes, and technical constraints.
- Assist in cloud migration planning, gap analysis, and readiness assessments.
- Collaborate with business stakeholders, cloud architects, and DevOps engineers on cloud transformation projects.
- Translate business objectives into scalable, secure, and cost-effective cloud solutions.
- Understand cloud compliance, cost management, and governance principles.
- Apply Agile and hybrid project methodologies in cloud-based environments.
- Prepare for interviews and roles such as Cloud Business Analyst, Cloud Transformation Consultant, or Cloud Project Coordinator.

This course provides hands-on exposure and real-world case studies to help learners become job-ready professionals in one of the most in-demand areas of IT and business today.

Course Outline

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Module 1

1.0 Business Analysis Fundamentals

- 1.1 What is Business Analysis?
- 1.2 Who is a Business Analyst?
- 1.3 Importance of Business Analyst.
- 1.4 Understanding Different Types of Stakeholders.
- 1.5 Understanding the different phases of an SDLC.
- 1.6 Role of a business analyst in each of the SDLC phases.

2.0 What is Software Development Lifecycle?

- 2.1 Understanding the different phases of an SDLC.
- 2.2 Role of a business analyst in each of the SDLC phases.
- 2.3 Learning and comparing (a) Predictive (b) Iterative and Incremental and (c) Adaptive SDLC models.

3.0 Reviewing Different Software Engineering Models

- 3.1 Waterfall.
- 3.2 Spiral.
- 3.3 Rapid Application Development (RAD).
- 3.4 Rational Unified Process (RUP).
- 3.5 Scrum (More emphasis will be given on Scrum).
- 3.6 Kanban.

4.0 Requirements Elicitation

- 4.1 What is requirements elicitation?
- 4.2 Understanding various requirements elicitation techniques.
- 4.3 Brainstorming.
- 4.4 Focus Group.
- 4.5 Requirements Workshops.
- 4.6 Interviews.
- 4.7 Questionnaire/Survey.
- 4.8 Document Analysis.
- 4.9 Prototyping.
- 4.10 Pros and Cons of each of the requirements elicitation techniques.

Module 2

5.0 Information Technology (IT) Infrastructure

- 5.1 Understanding different types of infrastructure elements in Information Technology domain.
- 5.2 Overview of different types of system architecture models (2-Tier, 3-Tier, N-Tier).
- 5.3 What is On-Premise?
- 5.4 What is Cloud-Computing?
- 5.5 Difference between On-Premise and Cloud Infrastructure.
- 5.6 Rise of data centers across the globe.

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5.7 Difference between public cloud, private cloud and hybrid cloud.

5.8 Understanding different cloud-computing models:

5.8.1 Infrastructure as a Service (IaaS).

5.8.2 Platform as a Service (PaaS).

5.8.3 Software as a Service (SaaS).

5.9 Benefits and risks of cloud-based solution.

5.10 Cloud migration lifecycle.

5.11 Lift-and-Shift v/s cloud-native applications.

5.12 Understanding cloud architecture.

5.13 Overview of AWS Well-Architected Framework (BA perspective).

6.0 AWS Services Overview

6.1 Amazon EC2.

6.2 Amazon RDS (MySQL, Oracle, PostgreSQL, SQL Server, and MariaDB).

6.3 Amazon S3.

6.4 AWS CloudWatch.

6.5 AWS Virtual Private Cloud.

6.6 Amazon Lambda.

6.7 Amazon CloudTrail.

6.8 Amazon Load Balancer.

6.8.1 Application Load Balancer.

6.8.2 Network Load Balancer.

6.9 Amazon Elastic Block Store (EBS).

6.10 Amazon Glacier.

7.0 Business Continuity Measures

7.1 What is business continuity?

7.2 What is disaster recovery?

7.3 Understanding RTO (Recovery Time Objective) and RPO (Recovery Point Objective).

7.4 Creating Disaster Recovery Plan.

7.5 Data backup v/s system backup.

7.6 Application of load balancers, auto-scaling and multi-region deployments.

8.0 Eliciting Compute Requirements

8.1 Designing compute requirements template.

8.2 Collaborating with stakeholders to elicit compute requirements.

8.3 Reviewing compute requirements with technical stakeholders.

8.4 Rightsizing compute requirements.

9.0 AWS Pricing Calculator

9.1 Understand AWS Pricing Calculator.

9.2 How to prepare cost estimates using AWS Pricing Calculator.

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- 9.3 How to export cost estimates from AWS Pricing Calculator.
- 9.4 How to share cost estimates, created from AWS Pricing Calculator with other stakeholders.
- 9.5 How to edit cost estimates directly in AWS Pricing Calculator.

10.0 Working with AWS Console

- 10.1 Exploring AWS Console Dashboard.
- 10.2 Reviewing Cost Explorer and various components within it.
- 10.3 Creating filters using different reporting parameters.
- 10.4 Tracking project cost estimates against actual cost/projected cost.
- 10.5 Troubleshooting cost discrepancies.

11.0 Savings Plan Overview

- 11.1 Different cost-effective measures in AWS.
- 11.2 Understanding different cost-effective plans in AWS:
 - 11.2.1 What is Instance Scheduler?
 - 11.2.2 What is Savings Plan?
 - 11.2.3 Understanding (a) Compute Savings Plan and (b) EC2 Savings Plan.
 - 11.2.4 What is Reserved Instance (RI)?
 - 11.2.5 Pros and cons of each plan.

12.0 Capstone Project

- 12.1 End-to-end case study: Migrating a retail application to AWS.
- 12.2 Drafting key BA documents (BRD, FRD, user stories, UAT plan).
- 12.3 Creating Compute Requirements.
- 12.4 Calculating Cost Estimates.

13.0 Placement Support

- 13.1 Resume preparation.
- 13.2 LinkedIn profile optimization.
- 13.3 Interview preparation (technical + scenario-based).
- 13.4 Mock interviews with cloud-focused BA questions.
- 13.5 Job search strategies and recruiter connections.

Features

- Training Program as per Latest Industry Demand.

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- IIBA Endorsed Education Provider.
- Access to Learning Management System (LMS).
- Free PSM-I and PSPO-I training included in the package.
- 40 PDUs/CDUs.
- IIBA Certified Instructors with 20 plus years of experience.
- Plenty of case studies, In-Class exercises, quizzes, and take-home assignments.
- 10 Plus Industry-Standard tools
- Personalized Resume, LinkedIn Profile makeover and Cover Letter.
- Course aligned to IIBA's BABOK 3.0 and PMI's body of knowledge.
- Comprehensive Capstone project.
- Experiential learning through case studies.

Software/Tools Used for this training

• AWS Pricing Calculator • AWS Console. • Microsoft Office (Word, Excel, PowerPoint). • Microsoft Visio, Gliffy, Lucidchart.	• Bizagi, Camunda, Bonita, Signavio, Draw.io. • Jira. • Confluence. • Kanbantool, backlog.com or similar Kanban tool.
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Duration	Fees
Weekend Batch • 10-12 weeks (Saturday and Sunday from 11:00 AM EST to 2:00 PM EST). Weekday Batch • 10-12 weeks (Monday, Tuesday and Thursday from 08:00 PM EST to 10:00 PM EST). • (Core Training Hours: 60 hours)	1200 USD + 5.3% Sales Tax.

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