



IBM Skills Academy

Cloud Computing

Practitioners Course

Bring your ideas to life and innovate in every industry by applying next-gen PaaS microservices that can easily integrate into real-world solutions

Cloud platforms span public, private and hybrid environments.

They offer managed services which allow for rapid design, prototype and build of application solutions with a robust suite of advanced data and artificial intelligence (AI) tools, and draw on deep industry expertise to help innovative companies looking for digital transformation in their journey to the cloud.

About this course

Explore the topics, technology and skills required to gain proficiency in successful implementation of **cloud-based solutions**.

Cloud computing practitioners

Create disruptive cloud-based solutions that offer unique Customer experiences using user-centric design practices, Agile methodologies and the Integration of cloud-based security, Data and AI capabilities.

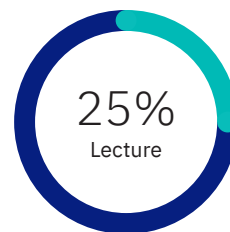
Audience

Individuals with an active interest in applying for entry level jobs working with cloud-based solutions.

Prerequisite skills for this course:

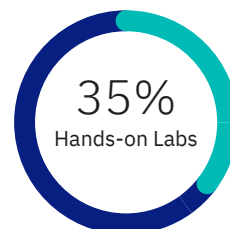
- Basic IT literacy skills

Journey: 80 hours



25% Lecture

Lectures, examples, videos and quizzes.



35% Hands-on Lab

Simulations, hands-on labs and games.



40% Group Work Activities

Explore industry case studies.



Badge

Practitioner Badge



IBM Cloud Computing Practitioner Badge

<https://ibm.biz/BdqWru>

Cloud is changing the way the world works paving the way for industries to digital reinvention.

ibm.com/cloud

Objectives

This course covers the following objectives:

- Understand the evolution and impact of cloud computing.
- Explore cloud by industry domains: retail, media and communication, telecom media and entertainment, financial services.
- Explore end-to-end case studies for key cloud industries and identify common patterns: public cloud, private cloud, hybrid cloud.
- Understand the technical aspects of cloud solutions: software as a service, platform as a service, infrastructure as a service.
- Build cognitive solutions, leveraging AI and data science in cloud solutions.
- Understand industry practices to design and build agile cloud solutions, using the Cloud Garage methodology.
- Work in teams jointly exploring real-world cloud scenarios.
- Prototype bespoke cloud solutions leveraging industry-proven concepts, technologies and methodologies.

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