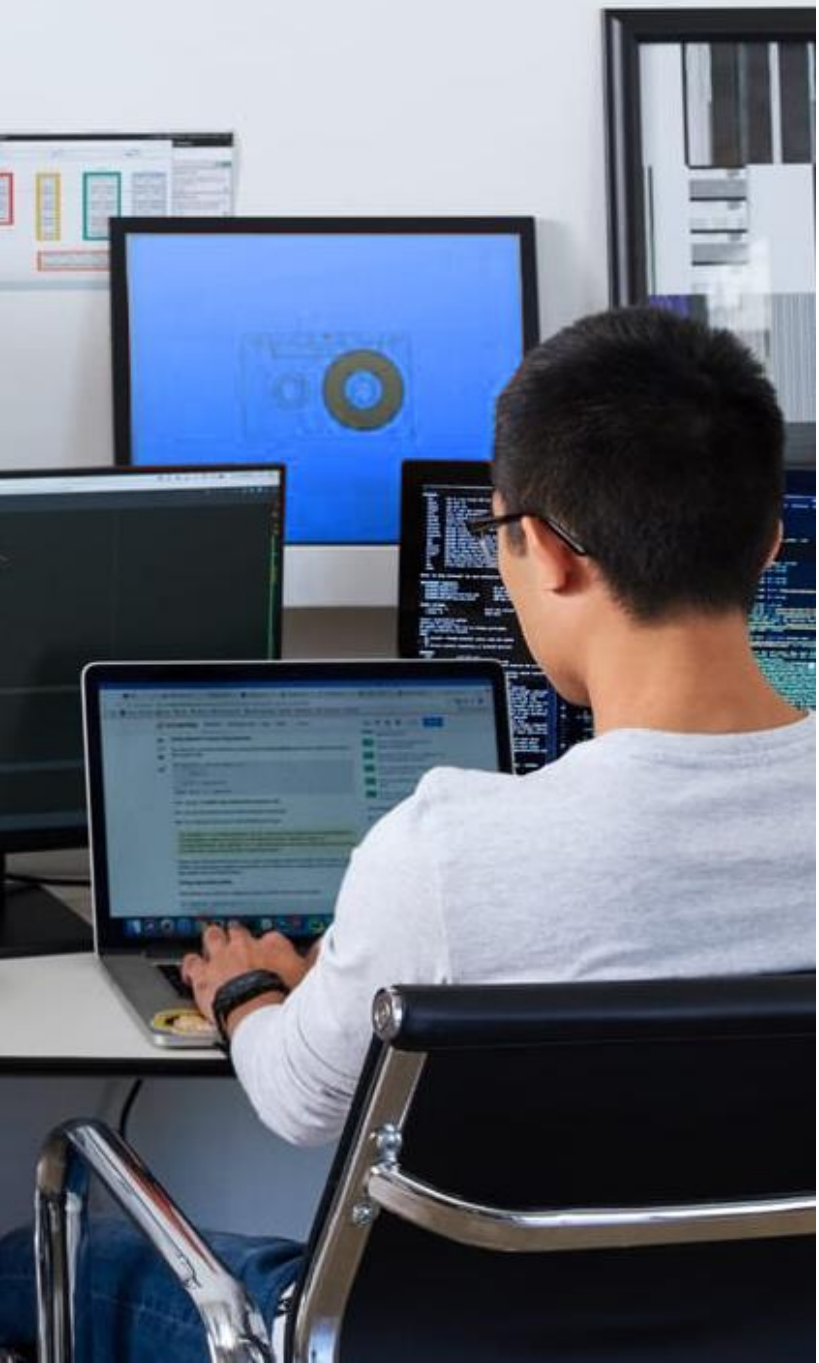


IBM **Skills Academy**

Cloud Computing

PRACTITIONERS COURSE

Bring your ideas to life and innovate in every industry by applying next-gen, platform as a service (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.

IBM **Global University Programs**

IBM

CLOUD COMPUTING

Practitioner

About this course

This course explores the topics, technology and skills required to gain practice in the successful implementation of cloud-based solutions.

Cloud Computing Practitioners – Create disruptive cloud-based solutions that can provide 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 relevant to working with cloud-based solutions.

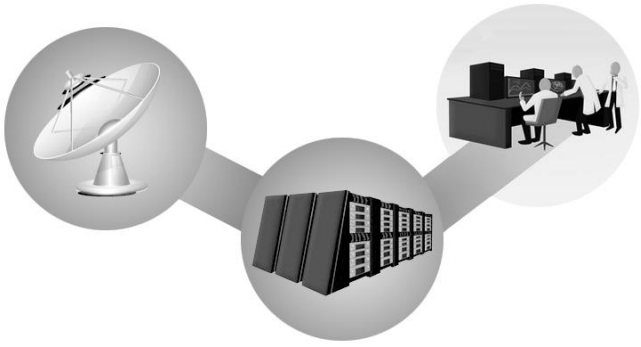
Prerequisite skills for this course:

- *Basic IT literacy skills*
- *Fundamentals of data centers, such as integration of systems and networks, detached network storage, sharing of resources.*

Journey

80 hours

- **25% Concepts**
  Expanding the knowledge and understanding of the topic through lecture training, examples, videos and quizzes.
- **35% Technologies**
  Actual implementation of the concepts learned through simulations, hands-on labs and games.
- **40% Industry Use Cases**
  Realization of the real-world impact of the topics covered



Objectives

- Understand the evolution and impact of cloud computing in the world today.
- Explore cloud by industry domains: retail, media and communication, telecom media and entertainment, financial services.
- Explore end-to-end case studies for every key cloud industry and identify common patterns: public cloud, private cloud, hybrid cloud.
- Understand 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.

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

ibm.com/cloud