Cloud Security Fundamentals

This course provides an introduction to cloud security concepts and is ideal for anyone who wishes to learn the core principles of cloud infrastructure, data, and application security.

IS THIS COURSE FOR YOU?

This is an introductory-level course for anyone seeking to develop an understanding of essential cloud security concepts.

ABOUT THE COURSE

This course provides an introduction to cloud security concepts and is ideal for anyone who wishes to learn the core principles of cloud infrastructure, data, and application security.

You'll begin the course by exploring cloud definitions, roles, deployment models, characteristics, and building block technologies. You'll then move on to the fundamentals of cloud architecture and design. Following that, you'll learn how to secure the Cloud Solution Provider (CSP) account using best practices and techniques.

From there, you'll learn about securing cloud data-at-rest and data-in-transit by using various cryptographic mechanisms and security controls offered by the cloud service provider. And you'll learn how to secure applications in the cloud. Lastly, you'll explore the critical and often over-looked approaches to legal and regulatory compliance when working with cloud solution providers.

AIMS AND OBJECTIVES

This course aims to teach the core principles of cloud infrastructure, data, and application security.

PRE-REQUISITES

There are no pre-requisites for this course.

COURSE CONTENT

Module 1 - Basics of Cloud Operations

Module 2 - Architectural & Design Concepts

Module 3 - Cloud Infrastructure & Security

Module 4 - Cloud Data Security

Module 5 - Cloud Application Security

Module 6 - Legal & Compliance

CAREER PATH

This course will be helpful to anyone looking to develop a foundational understanding of key cloud security concepts.

COURSE DURATION

10 hours. This will vary from individual to individual based on prior knowledge and ability.

CPD POINTS: 10
CPD points awarded upon successful completion.

PITMAN
TRAINING

Building careers for 180 years.