

GCP CDA Module 3 - Video 9 Summary

Data Retention Policy

A policy that defines how and when data is saved or deleted. It includes scope, reasons for saving data, applicable laws, and detailed processes for data handling.

Sarbanes-Oxley Act

A U.S. regulation requiring publicly traded companies to maintain internal control systems to protect financial data.

PCI DSS

Payment Card Industry Data Security Standard, which mandates secure networks, protection of cardholder data, and strong access control for businesses handling credit card payments.

HIPAA

Health Insurance Portability and Accountability Act, which sets requirements to protect identifiable health information in healthcare organizations.

GDPR

General Data Protection Regulation, applicable to organizations processing EU citizens' data. It requires transparency in data collection and secure storage.

Bucket Lock

A Google Cloud feature that allows data professionals to define retention policies for storage buckets and access detailed audit logs for compliance.

Object Lifecycle Management

An automated process in cloud storage that manages data objects by setting parameters for storage, deletion, or movement across buckets.