

Module 2 - Video 9 Summary: Wrap-Up

This video wraps up the key concepts covered in Module 2 of the Cloud Data Analytics course. Below are the main takeaways:

Cloud Migration

Understanding the process of moving from on-premises systems to cloud platforms, including strategies like rehosting, replatforming, and refactoring.

System Environments

Exploring different cloud deployment models—public, private, and hybrid—and how to choose the right environment for business needs.

Industry Impact

Examining how cloud data analytics transforms industries such as healthcare, manufacturing, education, and transportation through real-time insights and predictive analytics.

Cost Optimization

Learning strategies to reduce cloud expenses, including rightsizing, auto-scaling, and reserved instances, while improving performance and sustainability.

Billing Models

Reviewing cloud billing models such as pay-as-you-go and capacity pricing, and understanding costs related to storage, queries, and resource provisioning.

Cloud Architecture

Understanding the blueprint of cloud systems, including frontend and backend components, infrastructure, and security mechanisms.