

GCP CDA Module 3 - Video 10 Summary

Versioning

Versioning is the process of creating a unique way of referring to data, such as using identification numbers, queries, or timestamps. It helps ensure that the most recent and accurate version of a dataset is used, especially when multiple people are working on the same files. Versioning supports quality control, allows reverting to previous versions in case of errors, and is valuable for compliance concerns.

Holds

A hold is a policy placed on a dataset that prevents its deletion or restricts deletion capabilities for certain accounts. Holds prevent accidental deletion and preserve data indefinitely. They help define user responsibilities and are useful for managing sensitive information and storage costs.

Collaboration

Versioning and holds support collaboration by ensuring that all team members have access to the most accurate and current data. They provide clear guidelines for saving and accessing files, which improves teamwork and data reliability.

Accuracy

Maintaining accurate data is crucial for reliable analysis. Versioning ensures the latest data is used, while holds prevent loss of important information. Together, they help maintain data integrity and support better business decisions.

Compliance

Versioning and holds help organizations meet compliance requirements by preserving data history and preventing unauthorized deletions. These policies are essential for handling sensitive information and ensuring regulatory standards are met.