

Databricks Processing

- Processes bronze/silver-layer data
- Writes gold-layer data securely to Amazon S3 in Parquet format

AWS S3 Storage

- Stores data in a structured format
- Configured with bucket policies for secure access

Databricks Unity Catalog

- Provides fine-grained access control
- Manages metadata, table, schema, and catalog permissions for Strategy Team members

Cross-Account IAM Role

- Created in Strategy Team's AWS account
- Configured with S3 bucket access policies
- Read-only permissions for the gold-layer S3 bucket

AWS Athena

- Strategy Team queries gold-layer data directly from S3
- Uses SQL to analyze data via Athena
- IAM Role attached to Athena ensures secure access