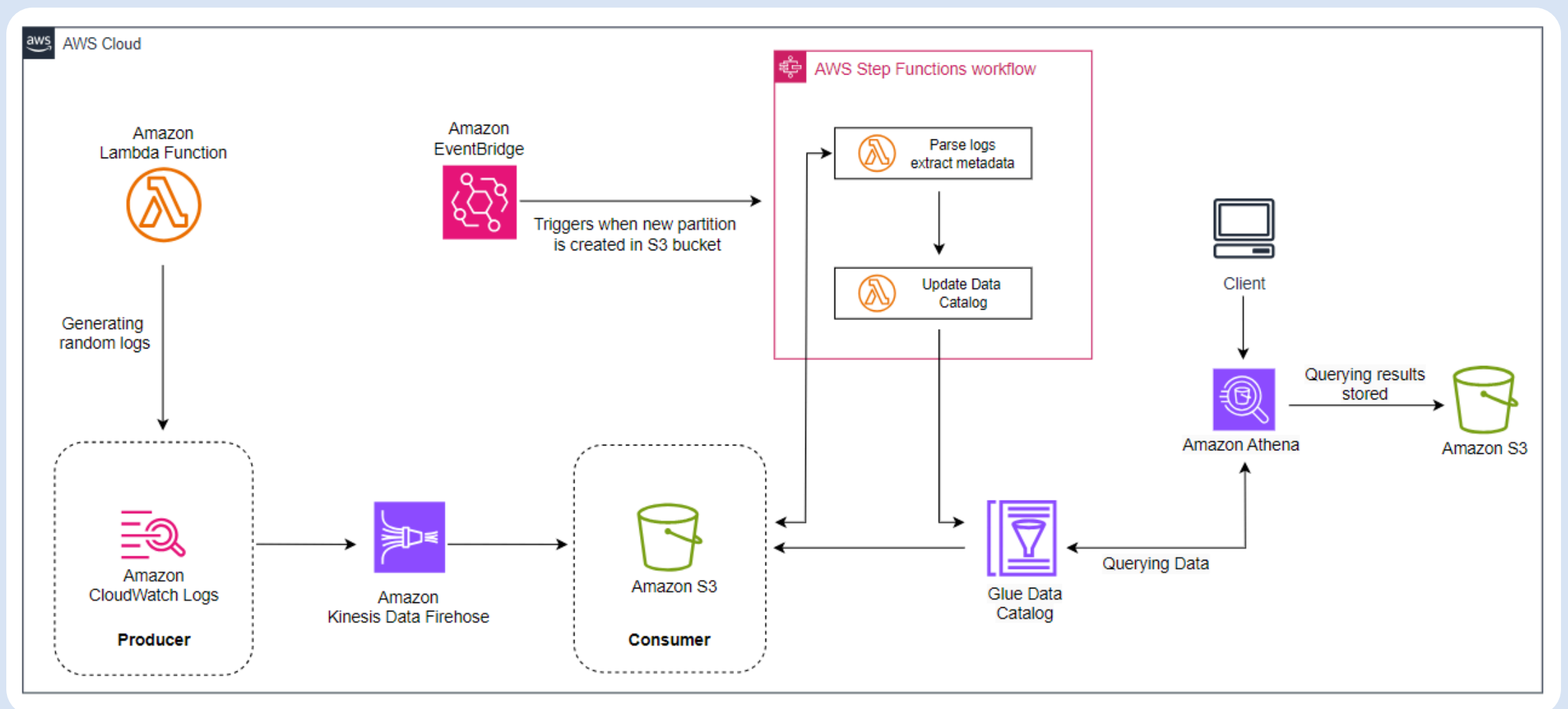


REIMAGINING LOG ANALYSIS

My Serverless AWS Architecture



Muhammad Saad Ali Shah



The Challenge & Solution:

- Problem: High costs of Glue Crawlers
- Solution: Custom Step Functions
- Result: 70% cost reduction
- Performance: 10,000+ events/second
- Benefit: Real-time insights



Innovative Tech Stack:

- AWS Lambda
- CloudWatch + Kinesis Firehose
- S3 + Step Functions
- AWS Glue + Athena

Key Innovation:

Step Functions replace
Glue Crawlers



Why It's Game- Changing:

- Real-time metadata updates
- Fine-grained ETL control
- Seamless scalability
- Flexible architecture
- SQL-powered analysis



Business Transformation:

- Real-time Analysis: Zero Delays
- Built to Scale: Petabyte Ready
- Cloud-Native Power
- Ultimate Cost Control
- Self-Managing System