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Dialing in shrinkage reports using cloud technologies

AWS data pipelines for SAP data analytics

Customer Challenge

A top Mexican retailer needed greater visibility into its accounting records for shrinkage provisioning. They wanted easy-to-build and maintain reports, with the computing power to perform calculations over millions of records.

Solution

The company implemented data pipelines in AWS to extract data from SAP and make it available for consumption and visualization with Tableau:

- **Step 1.** Daily batch extraction of data from SAP BW to AWS S3 using IBM DataStage.
- **Step 2.** Transform and aggregate raw data into parquet (from Avro) files stored in AWS S3 using AWS Glue.
- **Result 1.** Visualize data in Tableau using Amazon Athena to query AWS S3 data.
- **Result 2.** Return aggregated data from AWS S3 to SAP ECC using IBM DataStage.

Results and Benefits

Enabled faster reporting with ready-to-use aggregated data

Made reporting easy with a modern business intelligence platform

About **Globant**

We are a digitally native company that helps organizations reinvent themselves and unleash their potential. We are the place where innovation, design and engineering meet scale.

- We have more than 26,500 employees and we are present in more than 20 countries working for companies like Google, Electronic Arts and Santander, among others.
- We were named a Worldwide Leader in CX Improvement Services by IDC MarketScape report.
- We were also featured as a business case study at Harvard, MIT, and Stanford.
- We are a member of The Green Software Foundation (GSF) and the Cybersecurity Tech Accord.

For more information, visit **www.globant.com**

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