

D&A TRANSFORMATION TALES

# Quantify Trust and Efficiency Within Enterprise Data with Data Governance



## BACKGROUND

Our client is a renowned global conglomerate providing tax consulting, advisory, and compliance services to a diverse range of businesses and individuals. With a vast portfolio of clients and a rapidly growing data landscape, the client recognized the critical need for a robust data management and governance strategy to ensure data quality, security, and compliance. Our client faced several challenges in managing its complex data environment:

- Cataloging Data from Raw, Enriched, and Curated Zones
- Automatic Data Classification and Column-level Glossary Tagging
- Periodic Scanning for Latest Data and Adding Asset Descriptions
- Lineage Tracking from Source to Target Systems
- Controlled Glossary Access via Workflows
- Data Discovery, Cataloging, Classification, and Sensitivity Labeling
- Data Lineage and Impact Analysis for Regulatory Compliance
- Ensuring Data Governance, Quality, Access, and Security

These challenges stemmed from the client's rapidly expanding data landscape, diverse data sources, and the need for a centralized approach to data management and governance.



## THE SOLUTION

To establish a comprehensive data management and governance solution, we followed a structured approach that involved several critical activities. First, we conducted an in-depth assessment of the organization's current data landscape, including data sources, systems, processes, and existing governance practices. This assessment helped us identify gaps, pain points, and areas requiring immediate attention.

Next, we worked closely with cross-functional teams to define the specific requirements, objectives, and priorities for the data governance initiative. This collaborative process ensured that the solution was tailored to the organization's unique needs and aligned with industry-specific regulations and best practices. Here are the key points highlighting the important deployments executed as part of the solution:

- Configured Azure Purview to regularly scan and ingest metadata from various data sources within the organization's Data Lake
- Enabled comprehensive visibility into the entire data landscape
- Defined classification policies within Azure Purview and tagged sensitive data elements based on predefined patterns
- Established data lineage tracking by configuring Azure Purview
- Captured data flow from origin through transformations
- Provided visual representation of data lineage

- Facilitated impact analysis and traceability for regulatory compliance
- Customized Azure Purview deployment and implemented governance policies and access controls aligned with requirements
- Deployed policy enforcement mechanisms via Azure Purview to compliance with defined policies across data landscape



## TECHNOLOGY SNAPSHOT

- Microsoft Azure Purview



## BUSINESS BENEFITS

- Improved Data Quality and Reliability
- Enhanced Regulatory Compliance
- Increased Operational Efficiency
- Tighter Data Security and Privacy
- Scalable Data Governance Foundation



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