

Case Study

# **PII & Sensitive Data Discovery & Data Governance for one of the largest Indian Banks**





## Scope

The client is a one of the largest banks based out of India. The client was looking to achieve data privacy compliance while migrating legacy system data to cloud and get deeper understanding of PII and sensitive data stored in structured data sources and unstructured data files.



## Key takeaways

- **~1000** TB legacy data scanned in phases for 18 data sources
- Segregated bank specific PII data elements for **98** applications



## Key challenges

- Lack of visibility to PII and sensitive data elements
- Reduction of PII data exposure to large users
- Lack of data catalog with search functionality
- To make the discovered data future ready
- Lacks end to end data lineage



## Solution highlights

Experiential dashboard for tracking the real-time security posture of applications in DevOps pipeline



Configured PII and Sensitive data elements including Indian Banking industry specific PII and integrated LTIM PrivateEye with Azure data sources



Defined data governance roles to the data owners to improve the visibility



Discovered PII and sensitive data in ADLS Gen2 repository and configured data catalog and Insights for ADLS Gen2 & Dedicated SQL Pool



Customized Azure Purview for data governance activities and connected to Azure Data Factory to get Data lineage



Imported existing business glossary in Azure Purview to enhance governance activities



Configured to ingest Data Lineage automatically from Azure Data Factory Pipelines



## Business benefits

Achieved **360°** visibility to PII and sensitive data elements

Performed **~1000** TB legacy data scanned in phases for 18 data sources

Segregated bank specific PII data elements for **98** applications

Provided deeper privacy insights with custom dashboards - Asset Classification insights, Business Glossary insights, Sensitivity label insights, Asset data ownership insights



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