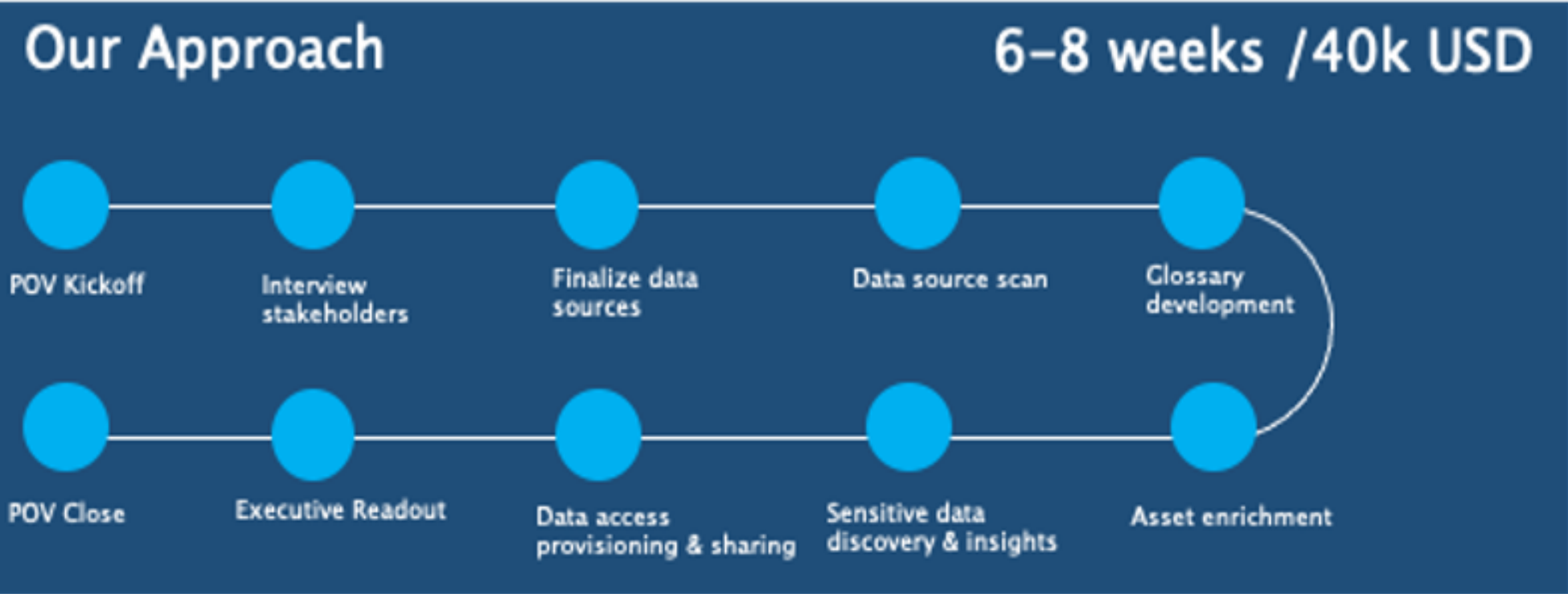# Data Governance with Microsoft Purview POV Overview

The Data Governance Proof of Value (PoV) service is designed to demonstrate the tangible benefits and capabilities of Microsoft Purview, by creating a unified data governance solution for all modality of data and touchpoint across it's lifecycle.

Support for following use cases:

✓ Data assets unified maps and relationships

✓ Data discovery using business glossary

✓ Sensitive data management insights

✓ Data sharing / data access provisioning

Key business questions answered

✓ What data assets do we have?

✓ How does data flow through our organization?

✓ Who owns the data?

✓ What is the risk profile of our data?

Our Approach

6–8 weeks /40k USD

- POV Kickoff
- Interview stakeholders
- Finalize data sources
- Data source scan
- Glossary development
- POV Close
- Executive Readout
- Data access provisioning & sharing
- Sensitive data discovery & insights
- Asset enrichment

DELIVERABLES

✓ Implementation roadmap

✓ Data catalog & enrichment runbook

✓ Sensitive data classification framework

✓ Data Lineage

OUTCOMES

✓ Improved data governance across data estate

✓ Informed decision making

✓ Compliance & Security

✓ Cost optimization

Reference Architecture (Data Value Chain)

Data Sources

Streaming — Iot devices, big data stream

Relational — databases

Semi-structured — csv, json, xml, logs

Unstructured — Images, videos, audio, free text

1 Ingest

Event Hub • IoT Hub

Azure Stream Analytics

Data stream & real time dashboards

Near Real Time

Batch

4 ML Ops

Cognitive service • Machine Learning

Microsoft Fabric

2 Store

ADLS Medallion — Bronze • Silver • Gold

Azure Data Factory

Synapse data explorer pool

3 Process

Synapse spark pool

Synapse SQL pool

5 Serve

Self-service analytics, business intelligence, data sharing etc.

Business Users

Enterprise Analytics

Business Intelligence

Applications

Data Sharing

Data Governance (Azure Purview)

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