Analytics Modernization POV Overview

Our POV approach is underpinned by 2 key components – a. security & compliance, and b. cost optimization

Assessment & Strategy

✓ Collaborate with stakeholders to understand current landscape and pain points

✓ Obtain agreement on desired outcomes

✓ Tailored strategy to map Azure services to your unique needs

✓ Develop 2-week sprints for POV implementation

POV Implementation

✓ Data migration and transformation from selected data sources

✓ Data consolidation and scalable Data Warehouse using Azure Synapse Analytics

✓ Azure ML to build foundation models and underscore actionable insights

✓ Azure Power BI for interactive, visually engaging reports and dashboards

Knowledge Transfer

✓ Hands on training sessions for the team for smooth transition

✓ Enablement for scaling the solution and maintenance

$ 20k USD **6 Weeks**

Key Outcomes:

✓ Foundation for future state

✓ Controlled cost solution validation

✓ Security & Assurance

✓ Improved data accessibility

✓ Enhanced data processing & performance

Deliverables:

✓ Analytical workshops (high value use cases inventory, and pain points)

✓ Proposed Solution Architecture

✓ Competency & RACI matrix

✓ Process / Flow maps for modernization

✓ Value statistics

✓ Proposed implementation path

✓ Project documentation

Reference Architecture (Data Value Chain)

Streaming — Iot devices, big data stream

Relational — databases

Semi-structured — csv, json, xml, logs

Unstructured — Images, videos, audio, free text

Data Sources

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

2 Store

ADLS Medallion

Bronze · Silver · Gold

Azure Data Factory

Microsoft Fabric

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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