Data Modernization

AI Ready Data Platform on Microsoft Azure - Value MVP

Offer Description: Organizations needing a scalable MVP data platform on a limited set of data attributes, with the objective of building a production-ready platform for business use.

Deliverables:
- ✔ Scalable MVP AI Ready Data Platform Environment on Azure (medallion layers + OneLake)
- ✔ Batch ingestion & ELT Pipelines for upto 3 Data Sources
- ✔ Curated Data Models for upto 2 Priority Domains
- ✔ A queriable tansformed master table of the data model
- ✔ Purview MVP Catalog & Business Glossary
- ✔ Baseline access & Security Setup
- ✔ MVP Design & Runbook Documentation.
- ✔ Knowledge Transfer Session

Key Azure Services

Fabric | Synapse | Purview | EntraID | Azure SQL | Data Explorer | PowerBI

Commercials: $20000

Accelerators TrueMorph | Thoughtmesh | Data360

AI Ready Data Platform MVP on Azure - Reference Architecture

Organizations modernizing or building cloud-native apps on Azure with fragmented pipelines and manual deployments

Data sources

Git Repositories

Azure Repos

App code

Data ingestion

Azure DevOps / GitHub Actions

- CI Pipelines
  - Code build & test
  - Linting & SAST
- CD Pipelines
  - Multistage (Dev → Test → Prod)
  - Approval Gates

IaC Pipelines

- Provision Azure Resources
- Networking, Compute, PaaS

Unified storage

Integrated Pipeline Controls

- Code Quality

sonarqube

- Security scans
  - SAST/DAST
  - Dependency scanning
- Policy Enforcement
  - Template Validation

Azure Policy

Data processing

Azure Landing Zone (IaC Driven)

- Networking
  - VNet, Subnets
  - NSGs, Private Endpoints
- Compute
  - App Service/ AKS/ Functions
- Data
  - Azure SQL/ Storage/ Cosmos DB

Data modelling

Operational Automation

- Release Automation
- Rollback strategies
- Environment Promotion
- Secrets Injection (Runtime)

Governance & security

Monitoring & Operations

- Runbooks
  - Deployment runbooks
  - Incident handling
  - Extension Guidelines

Azure Governance | Microsoft Azure Purview | Azure Policy | Azure Blueprints | Naming & Tagging Standards | Risk and Compliance

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Security and access control | Azure Key Vault — Secrets Management | Azure Entra ID — Identity and Access | Microsoft Defender for Cloud — Threat Protection