Google Cloud | Tech Mahindra

Unlock Faster Analytics and Smarter Data in the Cloud

BROCHURE

Connected World
Connected Experiences

"By 2025 the global data creation is projected to grow to 180 zettabytes with machine generated data projected to increase by 15x."

Introduction

Enterprises today face challenges dealing with an unfathomable scale of data spread as highly unintegrated estates across various environments – On prem or on Cloud.

Consider the following:
- ~55+% of companies have a mostly manual approach to discovering data

- Data Scientists spend ~60% of the time just scrubbing the data

- ~60%+ enterprises consider Data Quality as the biggest barrier in leveraging AI for business insights

- 40% enterprises lack visibility and control of data in silos when collaborating with business users

There is an immediate and critical need for businesses to adopt a modern data infrastructure – one that is able to make vast amounts of information accessible, compliant and useful for decisioning.

Data Modernization made easy with Google Smart Analytics

With Google BigQuery you can jump-start data analysis with a serverless, self-tuning, and highly scalable enterprise data warehouse that doesn't require a database administrator to set up or manage. That means you can be up and running in seconds and start querying gigabytes to petabytes of data using ANSI SQL at blazing-fast speeds.

Our Offerings

Navigating the path to data transformation requires a strong partner with the relevant expertise and experience. Tech Mahindra has developed solution accelerators for every stage of the data modernization lifecycle including assessment of data estate, planning & migration of databases, building analytics solution & reporting dashboard and deployment of AI/Ml capabilities for real time analytics. Combined with the power of Google Smart Analytics solutions, we help enterprises gain the agility and flexibility needed to make actionable, data-driven business decisions.

Infowise ®
With built-in AI capabilities, Infowise® brings a unified view of operational metadata for Information Management & Business Analytics solutions across the organization, providing an enterprise view of an enterprises's IT landscape.

Unified Data Management Solution (UDMF)
A proven Data Management platform for Data Migration & Data Quality management consisting of. dozens of pre-built connectors to most widely used applications, databases and data store technologies universally, to ensure seamless data.
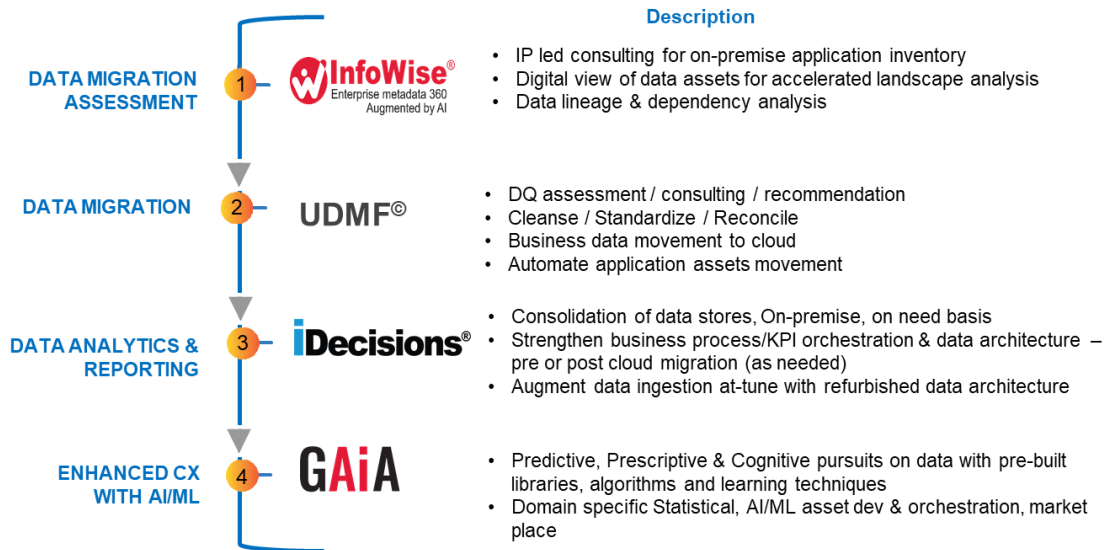
iDecisions ® Suite
A BI framework comprised of pre-configured, industry-focused, highly customizable packaged analytics solutions, with next-generation KPI reporting models and dashboards that leverage industry-standard vertical data models.

GAiA ™
Enterprise AI/ML platform with in-built capabilities such as NLP, ML, Advanced Data Analysis and Visualization. It enables the use of AI and cognitive computing to provide actionable intelligence and insights from operations data..

Description

DATA MIGRATION ASSESSMENT (1) — InfoWise® Enterprise metadata 360 Augmented by AI
- IP led consulting for on-premise application inventory
- Digital view of data assets for accelerated landscape analysis
- Data lineage & dependency analysis

DATA MIGRATION (2) — UDMF©
- DQ assessment / consulting / recommendation
- Cleanse / Standardize / Reconcile
- Business data movement to cloud
- Automate application assets movement

DATA ANALYTICS & REPORTING (3) — iDecisions®
- Consolidation of data stores, On-premise, on need basis
- Strengthen business process/KPI orchestration & data architecture – pre or post cloud migration (as needed)
- Augment data ingestion at-tune with refurbished data architecture

ENHANCED CX WITH AI/ML (4) — GAiA
- Predictive, Prescriptive & Cognitive pursuits on data with pre-built libraries, algorithms and learning techniques
- Domain specific Statistical, AI/ML asset dev & orchestration, market place

Benefits

Drive tangible results with Tech Mahindra and Google BigQuery

- Get products to market faster with a modernized data platform

- Run analytics at scale with 26%–34% lower three-year TCO with Google BigQuery

- Improved data access and retrieval speeds by ~50%

3X Reduced Cycle Time

30% Reduced TCO

~50% Improved retrieval speeds

TechMNxT Advantage

- Proven Data Transformation capabilities: Over 100TB of data migrated to Google Big Query by across different implementations

- Proprietary tools leveraging AI/ML to increase speed of transformation at each stage of the data modernization journey

- Speed to Market with Lower Risk and mature, automated, tool-based approach

- Business Agility and Enhanced Customer experience: 3x reduction in cycle time powered by proprietary tools and accelerators

- Domain Expertise: 1000+ Google Cloud Certified professionals and 11,700 Data & Analytics professionals

Success Stories

Migration from legacy on-premise Netezza DW to a scalable & lower cost DW on Google Big Query along with data consolidation through Cloud data lake resulting in ~25% of savings in licensing costs. for a US based transportation and logistics major.

Migrated 10+ TB of data from multiple data sources to Google Big Query enabling a scalable architecture & provision to integrate with Advanced analytics tools using AI/ML for a US based semiconductor OSAT company

Data Consolidation from legacy systems across multiple processes & jobs into a SINGLE platform 30% reduction in cycle time due to unified data platform and automation for a global logistics company

About Tech Mahindra & Google Cloud Partnership

Tech Mahindra is a Managed GSI Partner for Google Cloud and holds certified Expertise in Healthcare; Automotive & SAP on GCP. With over 5,500 Cloud professionals, we help our customers become agile, lean and build reliable platforms and applications on Google Cloud.

PARTNER

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Expertise Automotive — Google Cloud

Expertise SAP on GCP — Google Cloud

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Interested in a smooth data modernization journey?

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