Company Profile

ARTHA SOLUTIONS

Premier Partner for Business, IT, Data Management and Analytics Solutions

Corporate Credential

ARTHA SOLUTIONS

Artha Corporate Overview

ARTHA SOLUTIONS

Americas
Scottsdale, Chicago
Satellite Office: Toronto

India
Hyderabad, Bengaluru

Asia
Jakarta, Singapore

Other Locations of service:
Hongkong, Thailand, Malaysia, Philippines, Cambodia, Sydney, Germany, Saudi Arabia

Our Partner

Qlik Q | talend   snowflake   cloudera

amurta DATA INSIGHTS PLATFORM   collibra   PYRAMID ANALYTICS   Fivetran

5
Data Governance area in INDONESIA

40+
Customer 360, MDM Projects Implemented, Highest of any Talend partner

200+
Projects delivered across the globe

50+
Big Data, Data Lake, Cloud Implementations

10+
Customers Served from Fortune Global 100

10+
Offices and Satellite offices to service global clients

12+
Years of Data, Cloud & analytics experience
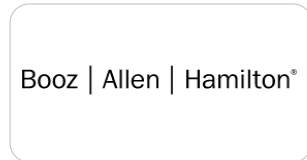
200+
Data Engineers, Scientists, Specialists

Customers and Vertical Served

Some of the Customers from North America

ARTHA SOLUTIONS

Some of the customers from Asia, India, MEA

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TATA CAPITAL

Piramal
Capital & Housing Finance

Dr.Reddy's

HeroFinCorp.

SAINT-GOBAIN

L&T Infotech

COGNATIV

Our Mission... Your Growth
CAMS

sitel group

accenture

Tally

AMP

UOB

ESTĒE LAUDER COMPANIES

Great Eastern
A member of the OCBC Group

Globe

ABB

nupco

PETRONAS

maxis

Some of the customers from Indonesia, Malaysia

Services Portfolio

Business Advisory & Execution Planning

Strategy & Road Map Development
Program Management
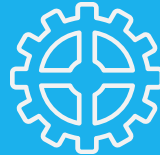User Adoption & Organizational Change Management
Digital Transformation

Data Management

Data Governance Definition & Implementation
Information Life Cycle Management
Data Warehousing & Data Migration
Data Replication & Data Security
Data Privacy & Big Data
Data Discovery

Business Analytics

Metrics, KPI Section & Executive Dashboard
Reporting Shared Services & Process Design
Data Visualization
Predictive Analytics & Business Intelligence
Mobile Intelligence & Cloud Intelligence
Performance Management
Big Data Analytics, Data Science

1. **2.** **3.** **4.** **5.** **6.**

Information Management

Data Quality Management
3rd Party Data Integration
Data Integration & Data Quality
Master Data & Meta Data Management
Data Exchange
Information Life Cycle Management

Full Lifecycle Implementation

Technology Selection & Enterprise Architecture
System Integration & Full Life Cycle Application Development
Quality Assurance
Build, Release & Deployment Support

Maintenance & Support

Post-Production / On Going Support
Application Maintenance
Upgrade & Migration

Just to clear some misconceptions about Data Governance
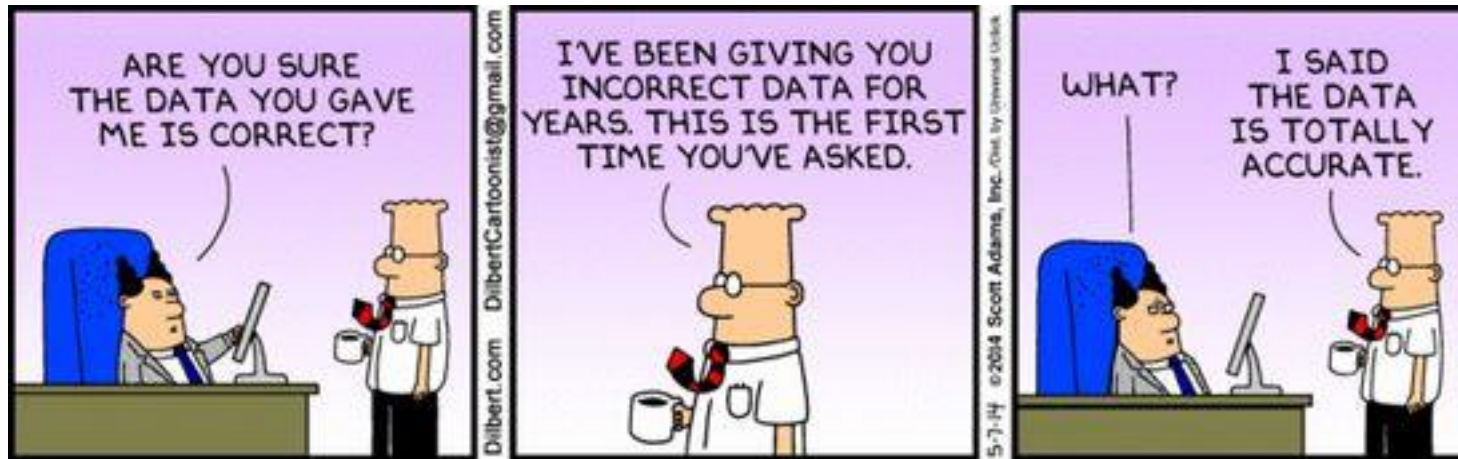
Senior Data Governance Leaders Are the Most Efficient at Resolving Data Governance Issues
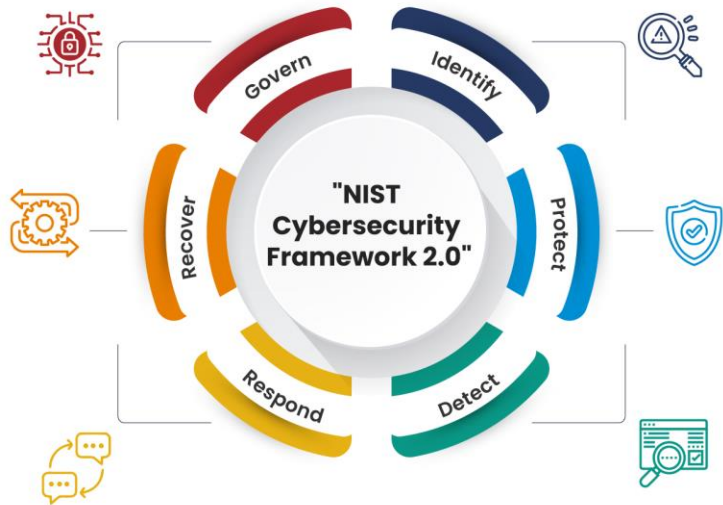*- Gartner*

Data Governance is Only about...

➤ Implementing a data catalog tool for data discovery and harvesting metadata completes Data governance

➤ Just making sure that data is clean and of best quality

➤ Building a Golden source of truth for master data and we achieve data maturity

➤ IT department enforcing controls of how users read and write data

➤ A one year or two-year program (it's a marathon and not a sprint!)
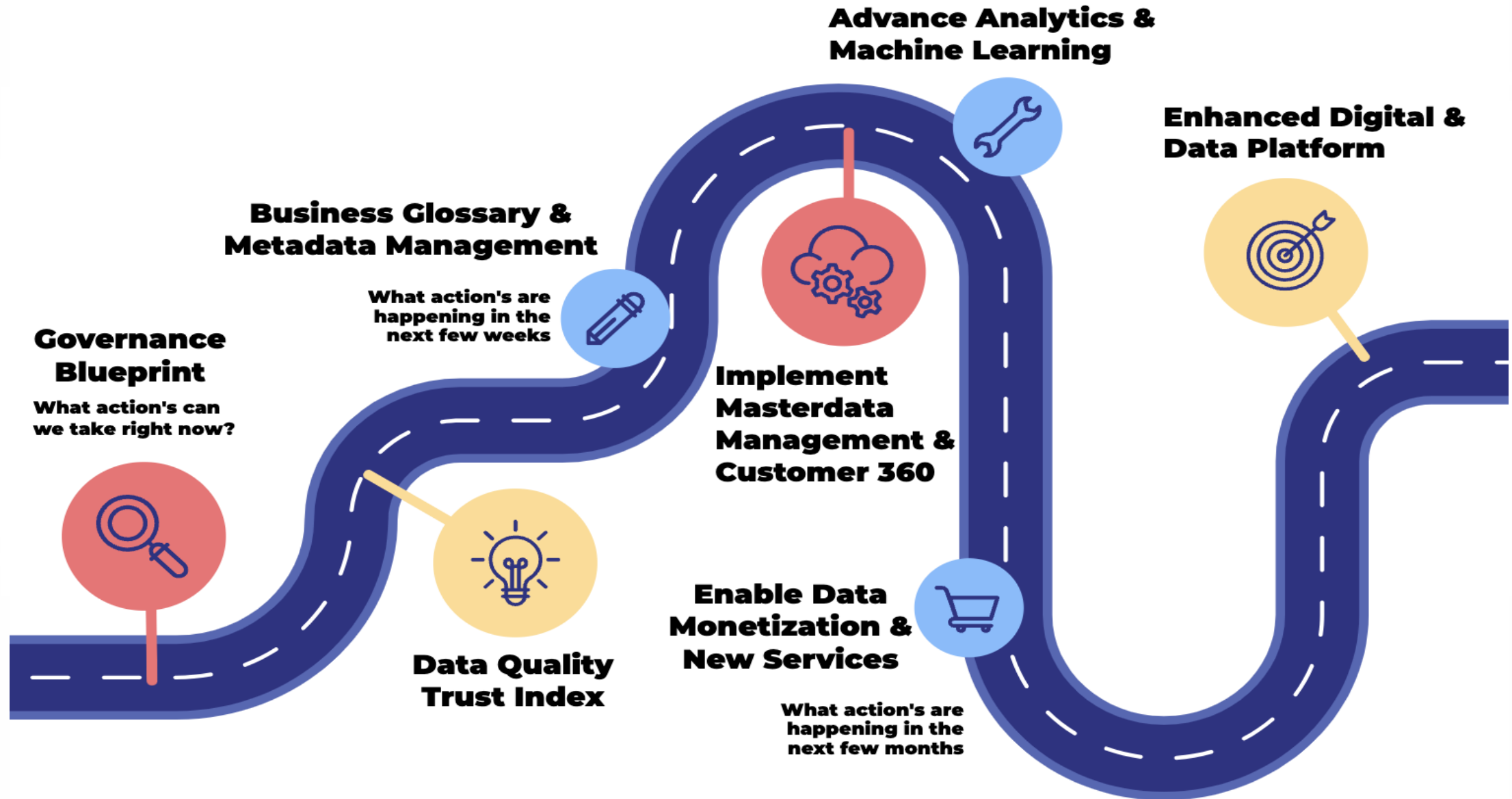
Data Governance + Cybersecurity

Data governance specifies what data assets the company has, where it resides, and who may act on it.

Cybersecurity is safeguarding an organization's infrastructure and data from unauthorized access.

ROBUST DATA PROTECTION SOLUTION

sales@infosectrain.com | Contact Us -1800-843-7890

Customer Data Journey with Artha

Advance Analytics & Machine Learning

Enhanced Digital & Data Platform

Business Glossary & Metadata Management

What action's are happening in the next few weeks

Governance Blueprint

What action's can we take right now?

Implement Masterdata Management & Customer 360

Data Quality Trust Index

Enable Data Monetization & New Services

What action's are happening in the next few months

Data Governance Main Capabilities Enablement

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...**Strategies** and **policies** that ensures data meets standards
 - who can take actions (People)
 - with what information (Process & Data)
 - under which circumstances and how (Process & Tools)
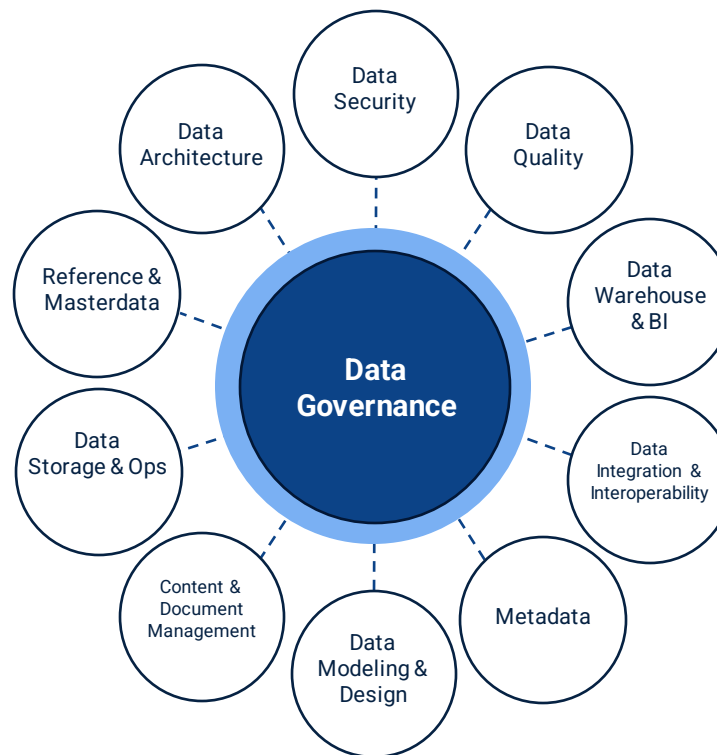
DATA OWNERSHIP & STEWARDSHIP

Data Ownership is not only owning the data but also providing access to other users. Data Stewardship is about managing the quality of data.
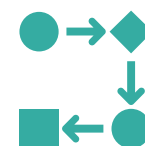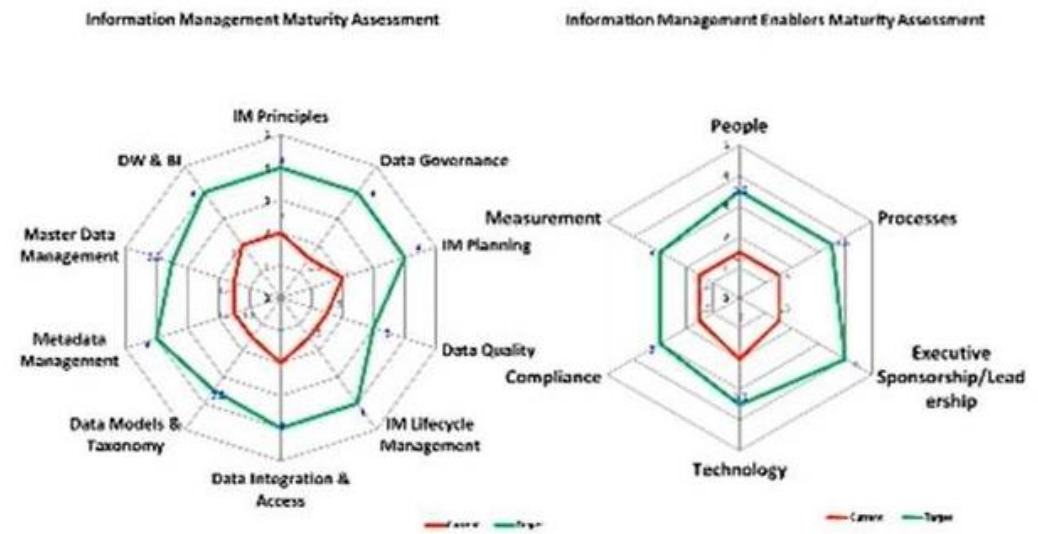
BUSINESS GLOSSARY

In other words, it is a common vocabulary used across the organization and ensures consistency of information.

DATA QUALITY ASSESSMENT & MAINTENANCE

Data Quality is significant process in most activities of data governance.

METADATA MANAGEMENT

Identifying the origination of data and visibility to trace back to root cause of the issue.

Data Governance Consultation

GAP ASSESSMENT

Current State

Desired State

Build

Principles/Policies	Vision & Strategy	People & Organization
Metrics	Processes	Training
Workflows	Comms	Tools/Technology

Roadmap

Transition Steps

DG Target State

Information Management Maturity Assessment

Information Management Enablers Maturity Assessment
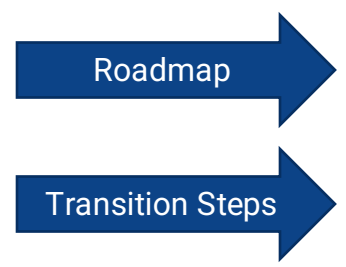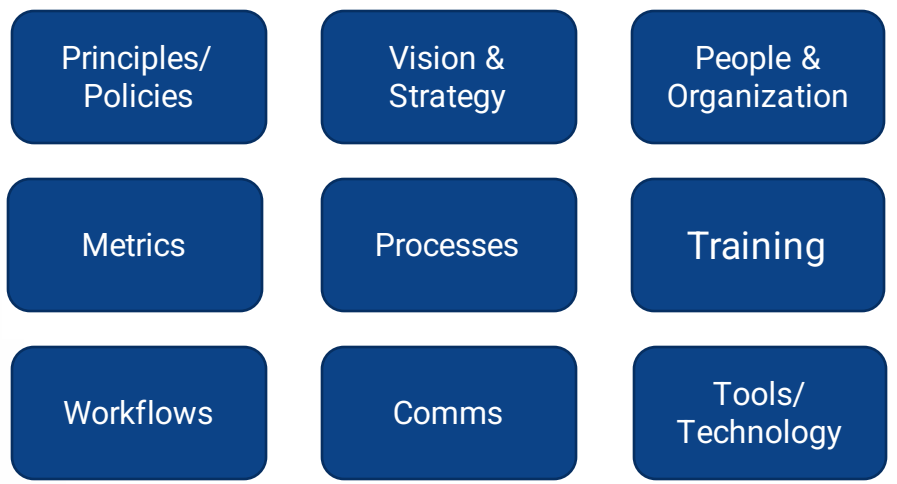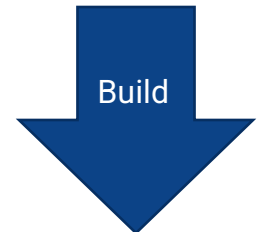
Data Quality & Metadata Enablement
High Level Overview

amurta DATA INSIGHTS PLATFORM

Enterprise data quality platform used to automate all the steps in the data migration process with a governed process flow to enable Business ready data to new Core Platform.

Responsibilities: Data Merging Team

Data Sources & Data Criteria	Data Ingestion	Data Governance and Interactive Centre	Interim Data Repository	Any Core Platform / Utilization

Data Sources/Files

Data files (Different formats) /Midtable/ Database

Data Profiling / Quality Rules and Validation Criteria

Fields/Columns level

Data Onboarding
ETL

Data Rules & Criteria

Glossary of Data Elements (GDE)

Data Quality

Data Stewardship

Workflows

Data Reconciliation

Data Security

On-Premise/Cloud Infrastructure

Data Staging

Cleaned Data

Any Core System / Utilization

Trusted Data

Data Consumers

5

Masterdata Management Implementation (Golden Record)

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DATA SOURCES | **LANDING AREA** | **STAGING AREA** | **MASTER AREA** | **APPLICATION AND DOWNSTREAM LAYER**

INCREMENTAL LOAD

INITIAL LOAD

DATA MODELLING

DATA STANDARIZATION & VALIDATE RULES

DATA QUALITY & VALIDATION

AUTOMATIC MATCHING

AUTOMATIC MERGING

DATA STEWARD

DATA ANALYST

IMPLEMENTATION TEAM

CORRECT SUSPECT REOCRDS

MANUAL MATCHING

MANUAL MERGING

API LAYER 360° VIEW

ARTHA MDM PORTAL

MDM MASTER DATABASE

AUDIT TRAIL

ROLE BASED ACCESS

CORRELATION IDs

GOLDEN RECORDS

API MANAGEMENT

MARKETING & CAMPIAGN

COMPLIANCE & REPORTS

EDS

EDW

CRM

amurta MDM SOLUTIONS
DATA INSIGHTS PLATFORM

Data Architecture Consultation

Data Architecture Logic
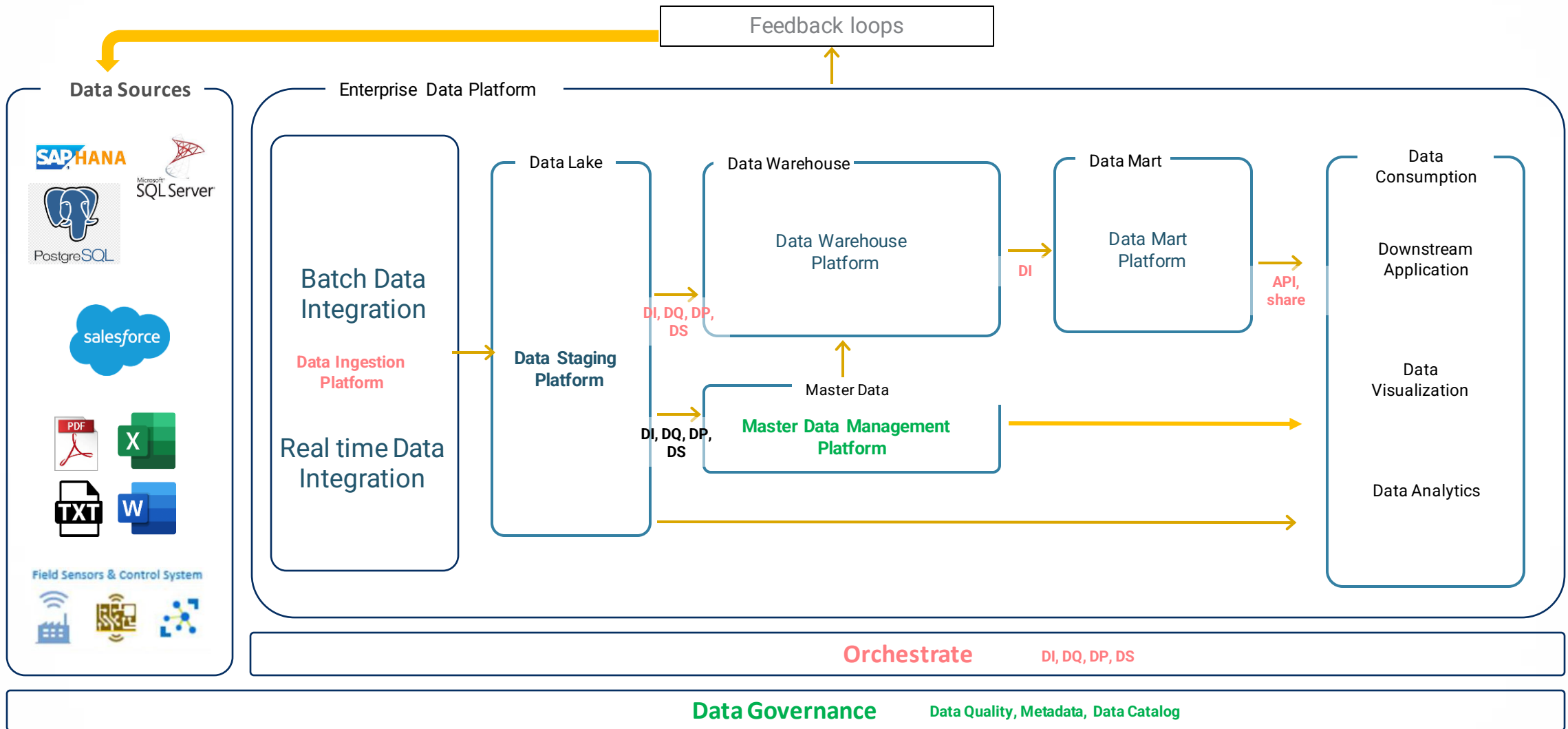
Organization Units

Unit 1	Unit 2
Unit 3	Unit..n
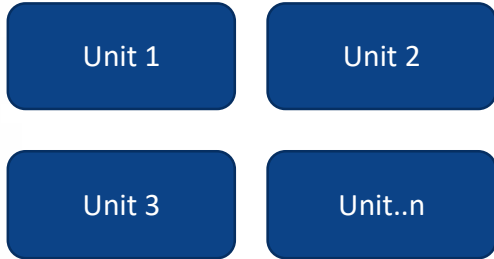
Data Security

Data Security, User Profiles, Object Profiles, Authentication, Authorization and usage data collection

Data Sources

Structured and Semi Structured data

Regulatory, 3rd Party Data

Data Quality

Data Profiling
Cleansing
Validation

Data Processing

Transformation
Standardization

Data Warehouse & Data Lake

MDM
Data Storage
Data Retention

Data Utilization

Reporting and Analytics

Metadata Management

Business Glossary, Data Dictionary, Data Lineage

Data Governance

Data Ownership, Data Stewardship, Data Council, RACI, Policy and Control, Data Monitoring

Trust Index & Data Orchestration Efficiency

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Common Challenges

Excessive Approval Layer

Time Consuming Consolidation

Countless Report

DIP Killer Features

User Friendly Interface

Efficient Data Orchestration

Convenient Dashboard

Seamless Integration

Pre-build Rules

Data **Marketplace**

Trust Index & Data Orchestration Efficiency

ARTHA SOLUTIONS

Data Architects

Data Engineers

Data Stewards

Predefined CDEs, rules & policies

| Business glossary & critical data elements | Data quality rules & controls | Error resolution workflows | DQ metrics & dashboard |

Data quality & observability

Data Trust Index

Files

Data Lake

| Data ingestion | Data asset repository | Policy engine | Master Data Management & RDM |
| Data transformation | Operating Model | Roles and responsibilities | Data Marketplace |

Data Onboarding (optional)

Core capabilities

Data Operationalization (optional)

Databases

Enterprise Apps

Marketplace

talend A Qlik Company

Connectors & metadata

| Scheduling | Workflows | **Orchestration Engine** | Monitoring | Auditing |

PY

SQL

JAVA

Digital Apps

Data Warehouse

Use Case - Multi-Finance Data Strategy

Requirement

- Define Data Strategy
- Establish CDO Organization
- Define DGO Functions and SOP
- Identify DGO Roles and Responsibilities
- Setup Data Governance tool
- Data Stewardship process – training with the tool to expedite
- Formalize DGO Functions and enable DG framework for Data Quality analysis

Consultation

Operating Model & Procedure

Company Policy

Business Rules

Desk Study

Data Related Process Interview

Results

- Established **Data Governance office** with pilot project implemented.
- **Skill assessment** for team recruitment.
- Assessed **Data Quality** with immediate action
- Analyzed **Use case** (Customer Data) and Identified **Business glossary** for Risk, Collections, Treasury and Products.
- **MDM** – Use case identification, setup and working model demonstration
- **Potential Increase in KPI for debt recovery rates** and reduction in Loan processing times due to better Credit process.

Focused Data Set **+** **amurta** DATA INSIGHTS PLATFORM

Accelerator