



Informatica®

Fulton Hogan's Road to Data Success with Informatica

PAUL GOODHUE – DATA GOVERNANCE MANAGER



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What we do

PRODUCTS

From concrete, asphalt and aggregates through to biodiesel, signs and graphics, we've been supplying top quality construction products to the industry for 90 years.

[READ MORE](#)

SERVICES

Our decades of experience, combined with our wealth of plant and resources, gives us the technical knowledge and skills to provide a wide range of construction services.

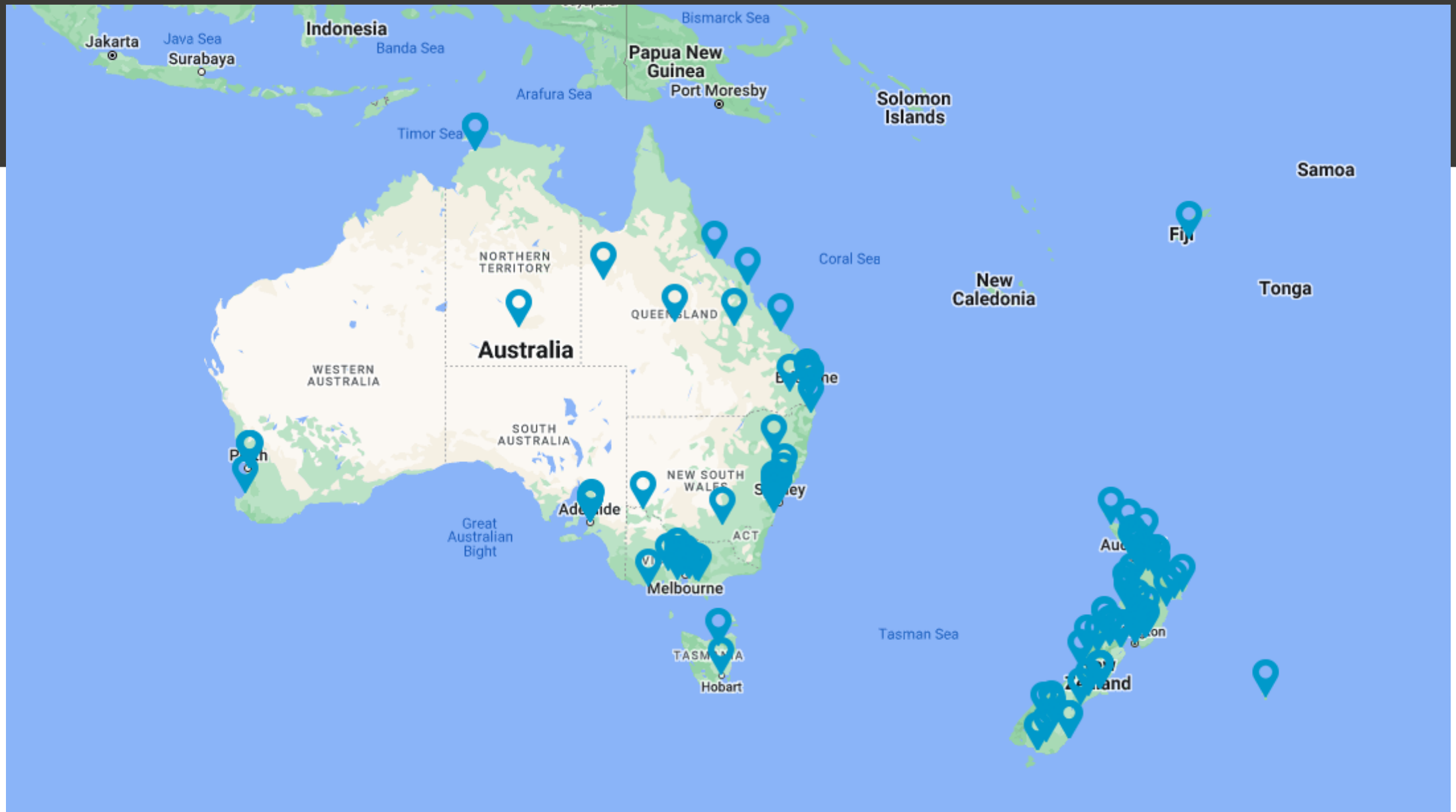
[READ MORE](#)

SECTORS

Fulton Hogan started on roads. In the last 88 years we've gained vast experience across a range of sectors, including roads and transport infrastructure through to utilities and resources.

[READ MORE](#)





Fulton Hogan

Respect

- We understand, listen and learn
- We respect our differences
- We take care of ourselves and others
- We treat others the way they expect to be treated

good work



Fulton Hogan

Energy & Effort

- We bring out the best in everything we do
- We do it once, we do it right
- We never give up
- We keep things simple
- We have fun

good work



Fulton Hogan

Attitude

- We are one Fulton Hogan
- We take pride in everything we do
- We do what we say
- We challenge and improve
- We work together, win together and celebrate together

good work



Fulton Hogan

Leadership

- We value and grow our people
- We do the right thing
- We are fair and trustworthy
- We are accountable
- The standard we walk past is the standard we set
- We are humbly smart

good work



9500+

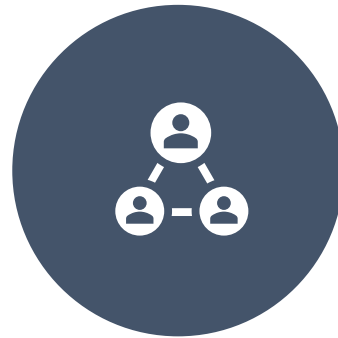
STAFF

100+

LOCATIONS

90

YEARS OF EXPERIENCE



RELATIONSHIP
DRIVEN



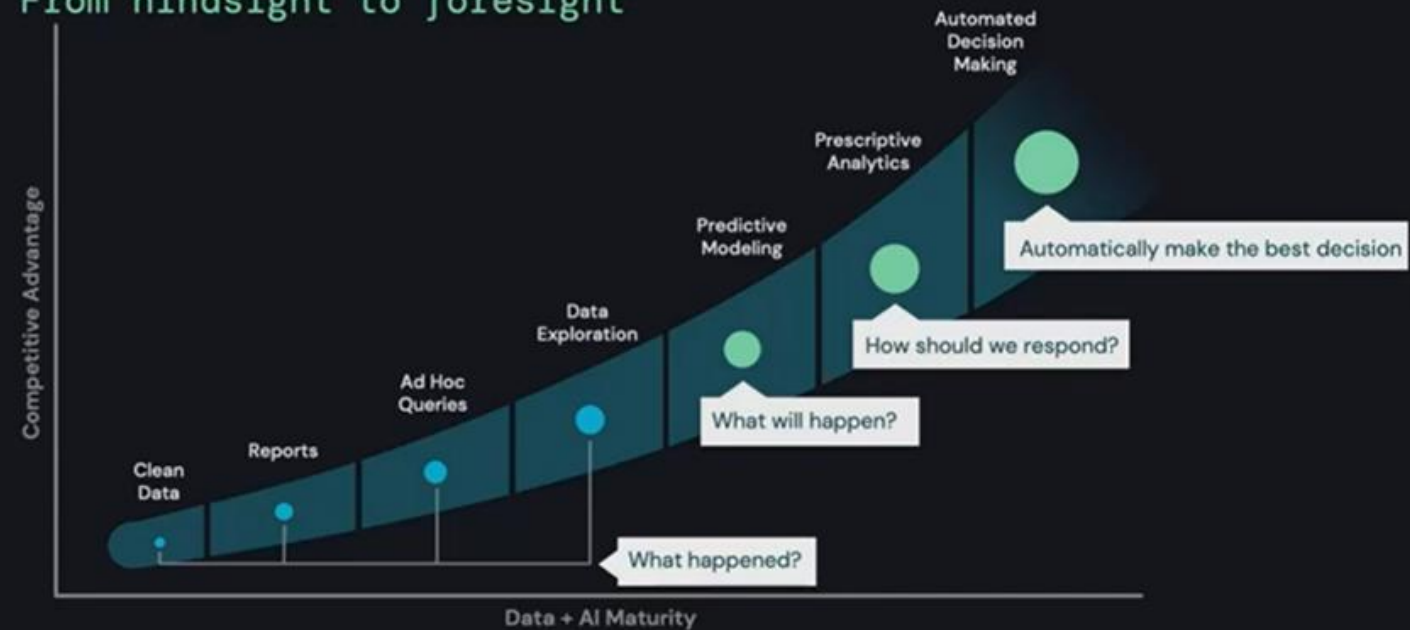
DATA
DRIVEN

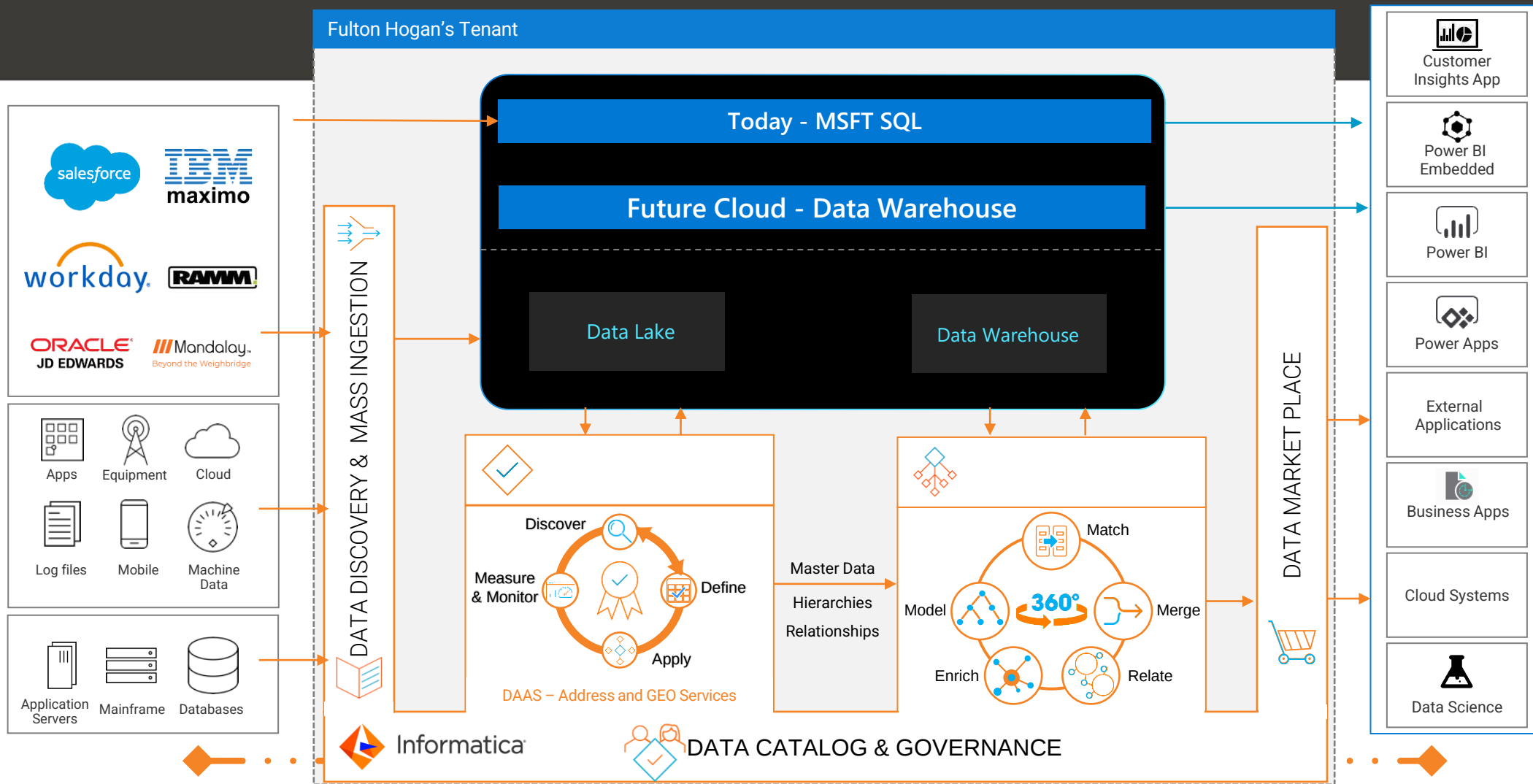


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Tech leaders are to the right of the Data Maturity Curve

From hindsight to foresight





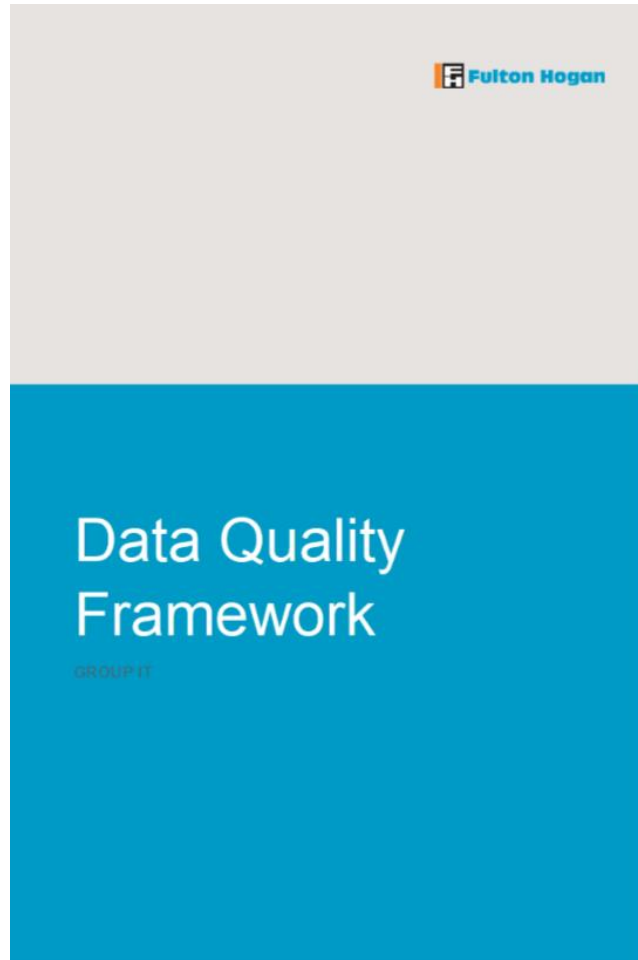
Data Governance Framework

GROUP IT

3 Approaches to Begin Governance



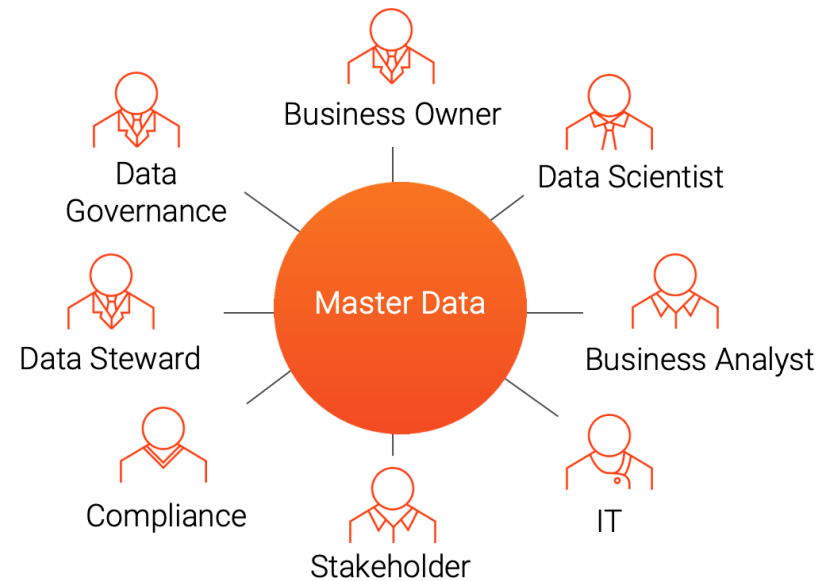
Business Goals, Objectives, and Metrics: Focus on Critical Data Elements required to support value drivers and key initiatives.



Master Data Management Framework

GROUP IT

Master Data Management Explained



Master data management involves creating a single master record for each person, place, or thing in a business, from across internal and external data sources and applications.



DATA CONSUMERS



Intelligent Data Management Cloud™



DATA
INTEGRATION



API & APP
INTEGRATION



DATA
QUALITY



MASTER DATA
MANAGEMENT



CUSTOMER &
BUSINESS 360



DATA
CATALOG



GOVERNANCE
& PRIVACY

CLAIRE™

AI-Powered Metadata Intelligence & Automation



DATA SOURCES





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Privacy Act 2020

Public Act 2020 No 31
Date of assent 30 June 2020
Commencement see section 2



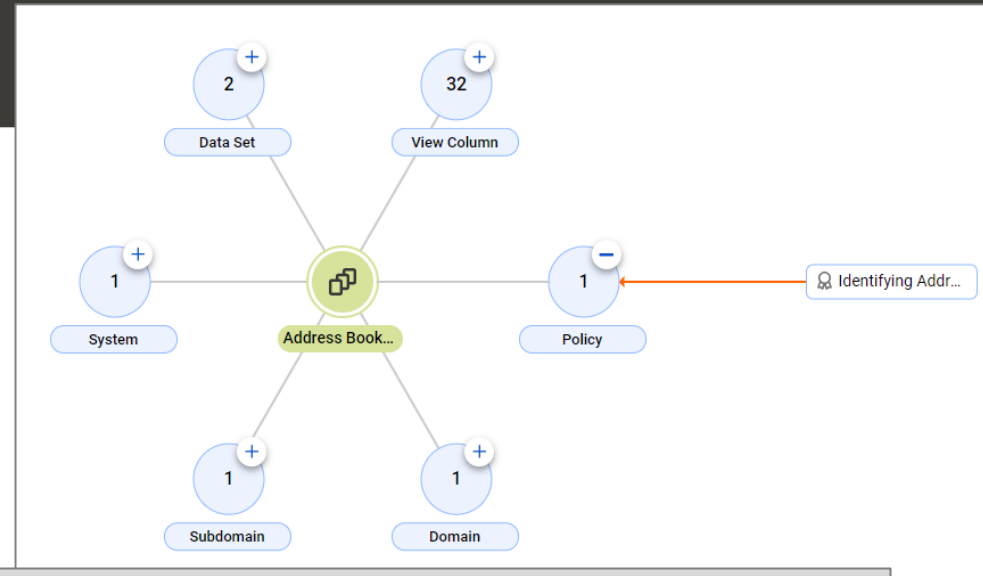
Privacy Act 1988

No. 119, 1988

Security of Critical Infrastructure Act 2018 (SOCI)

Policy (12)

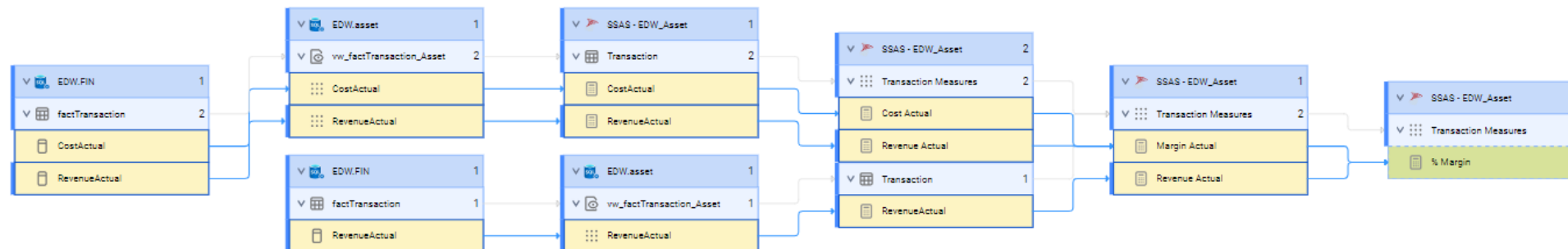
Name ↑	Description
Code of Conduct Policy	Do the right thing.Our success depends on acting with professiona...
Community and Stakeholder Relations Policy	Achieving positive outcomes for our communities and stakeholder...
Diversity and Inclusion Policy	Better discussions, decisions and outcomes.When we harness the...
Environmental Policy	Protect our planet.We care for the planet, not only for ourselves, b...
Flexibility Policy - NZ	Part of how we live good work.The operational delivery requiremen...
Identifying Address Book records for cleaning	20221017 Identify Address Book records for cleaning-NEW.docx (...)
Information Security Policy	Protect and maximise the value of our information.Information se...
Living Safely Policy	Living safely is how we go about every aspect of our lives; all day, ...
Privacy Policy	Respect personal information.As we conduct our business, we are...
Quality Policy	Quality from start to finish.Satisfied customers are repeat custom...
Risk and Opportunity Policy	Pursuing opportunities and pro-actively managing risk.As a busine...
Sustainability Policy	...



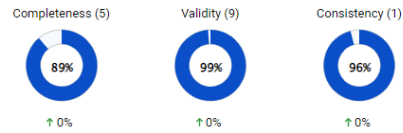
Bottom-Up

BOTTOM UP:

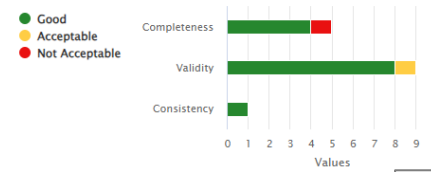
Critical data assets that have operational, compliance and analytic business impact



Average Latest Scores by Dimensions



Number of Rule Occurrences by Dimensions



Rule Occurrences (15)

Name	Dimension	Latest Score	Date	Total Rows	Failed Rows	Primary Data...	Description
Tax ID - ABT...	Completen...	99.68%	Mar 4, 2024...	58280	183	Tax ID - ABT...	Checks if th...
Tax ID - ABT...	Completen...	99.86%	Mar 4, 2024...	58280	79	Tax ID - ABT...	Checks if th...
Tax ID - ABT...	Validity	99.81%	Mar 4, 2024...	58280	105	Tax ID - ABT...	Checks if th...
Tax ID - ABT...	Validity	99.85%	Mar 4, 2024...	58280	87	Tax ID - ABT...	Checks if th...
Tax ID - ABT...	Validity	99.74%	Mar 4, 2024...	58280	150	Tax ID - ABT...	Checks if th...

Identify



Enable



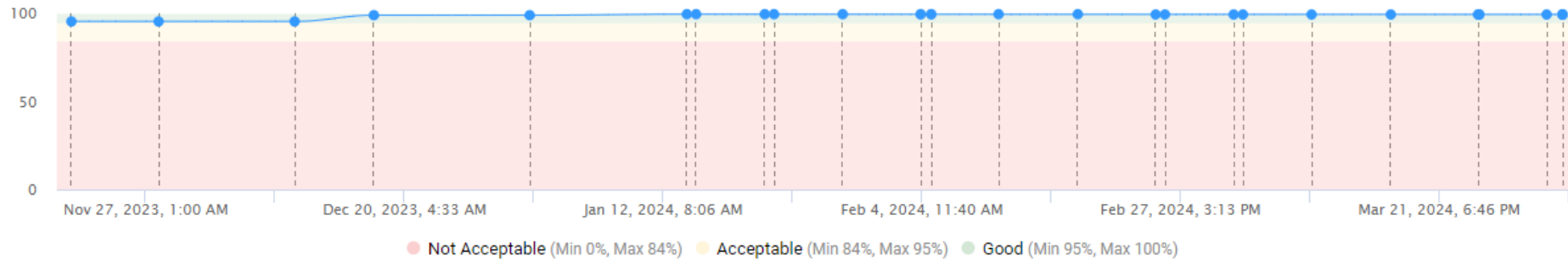
Improve



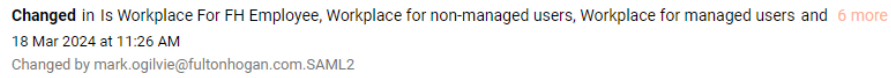
Assess



Score Trend

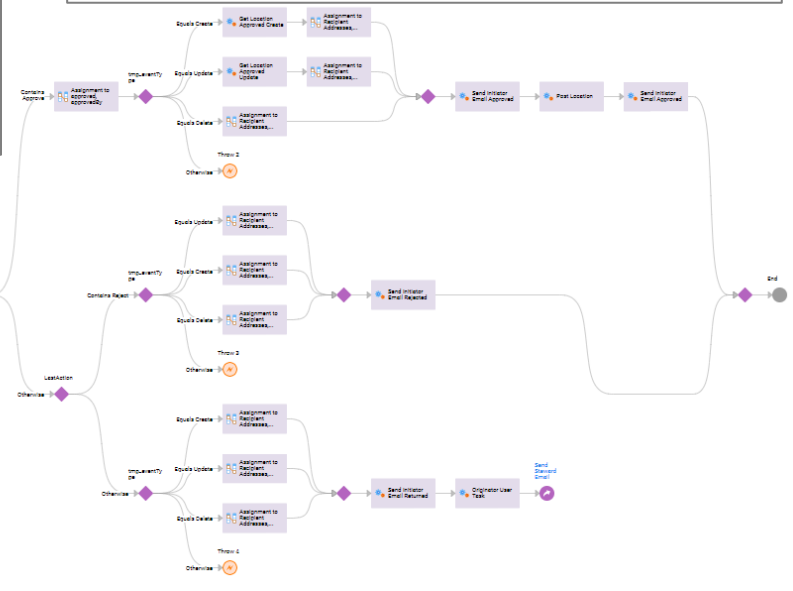


⊗



System Fields

Field Name	Field Value
Is Workplace For FH Employee	No
Workplace for non-managed users	No
Workplace for managed users	No
Distribution List Email	LocAUSAOnkaparingaHills-AUADLONK@fultonhogan.com
name	AUADLONK
Is IT Only?	No
stage_DistributionListName	Loc AU SA Onkaparinga Hills - AUADLONK
Is in Salesforce	Yes
Is Not FH Location	No



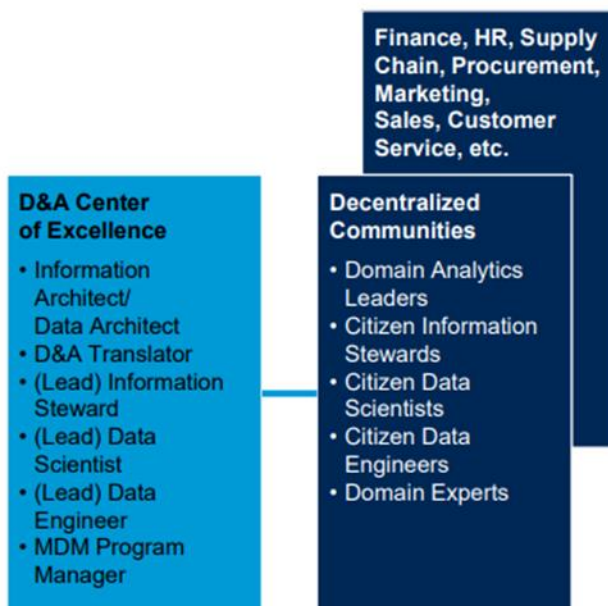
DATA
QUALITY



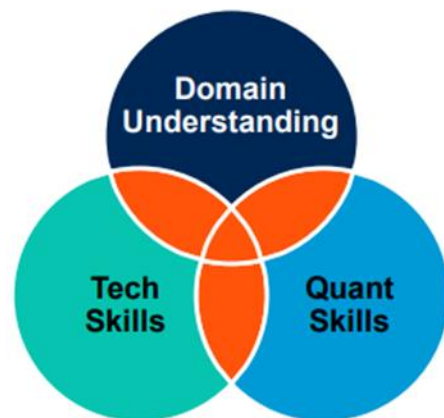
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Three Ingredients for a Self-Service Analytics Franchise

Centralized and Decentralized Organizational Structure



Multidisciplinary Teams



Prototype First Governance Framework





Power BI Cloud

MICROSOFT POWER BI CATALOG SOURCE

Overview

Hierarchy

Relationships

Stakeholders

Attributes

Tickets

History

Description

Catalog source for Fulton Hogan's Power BI Service.

Dashboard 26

Data Set 485

Dataflow 35

Dataflow Table 103

Field 140.5K

Report 797

Tile 3.3K

Workspace 124

Workspace (124)



Find



Name ↑

Description

Hierarchy

⋮ Airports Poduction Workspace	Live production data and progress tracki...	Power BI Cloud
⋮ Analytics for Salesforce - Sales Rep ...	-	Power BI Cloud
⋮ AU Asset Management	-	Power BI Cloud
⋮ AUS Industries - Production and Tec...	To hold BI reports produced by the prod...	Power BI Cloud
⋮ Azure Cost Management App	-	Power BI Cloud
⋮ CoE v2 Power Platform Dashboard	Workspace for the CoE v2 Power Platfor...	Power BI Cloud
⋮ Confirm Dashboard Reporting	-	Power BI Cloud
⋮ Coomera_Procurement	-	Power BI Cloud

1 - 25 of 124 Items



Page

1

of 5



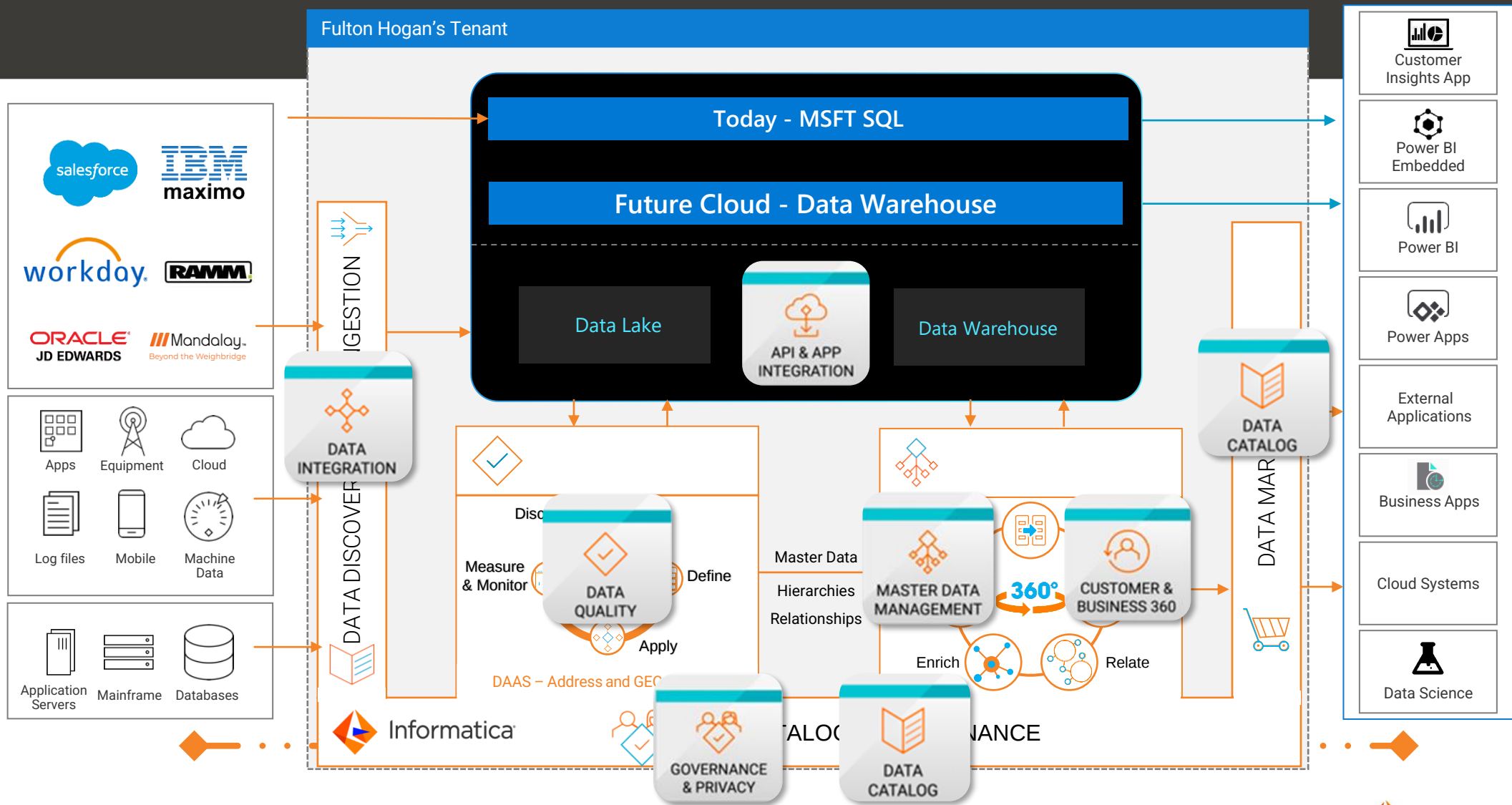
Items Per Page:

25





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CLAIRE

 **JDE Employee Bank**  

VIEW | vwJDEEmployeeBankPG

Overview

Contains

Lineage

Code

Relationships

Data Quality

Stakeholders

Attributes

Tickets

History

Data Elements (16)

Curate

↕

🔍

Find

×

⚙️

# ↑	Name	Type	Classifications	Sensitivity	Null Distinct Non-Distinct %	Source
4	🔗 Search Type - ABAT1	View Column		-		nchar
5	🔗 Region MCU - ABMCU	View Column		-		nchar
6	🔗 Company - MCAN8	View Column		-		nchar
7	🔗 Country Cat Code - ABAC04	View Column	Country Name	LOW		nchar
8	🔗 Region Other ? (Cat code 10 ABAC10)	View Column		-		nchar
9	🔗 Tax ID - ABTAX	View Column	New Zealand IRD	HIGH		nchar
10	🔗 Business Unit Country	View Column	Country Name	LOW		varchar
11	🔗 Business Unit - MCCO	View Column		-		nchar
12	🔗 Department - MCAN8	View Column		-		float
13	🔗 Bank Transit Number - AYTNST	View Column	New Zealand Ban...	HIGH		nchar
14	🔗 Bank Account Number - AYCBNK	View Column	New Zealand Ban...	HIGH		nchar
15	🔗 Bank Account Description - AYDL01	View Column		-		nchar
16	🔗 Bank Record Unique Key - AYUKID	View Column		-		float

CLAIRE

Prof_vwJDEAsset

ResultsDefinitionRules

View: All Insight Types

☐ Insight Statement

☐ The length of the data value

☐ The number of tokens in the

☐ One or more date values c

☐ One or more dates do not

rs_Begin_Date___FAEF_DateValidityChec_1

Save

DefinitionConfiguration

▼ Design ?

IsValid

→ Value

Child_0Child_1Child_2

Child_0

→ Value

Child_1

→ Value

Child_2

→ Value

Properties: Child_0 ?

GeneralRule logic definition

Inputs

	Input	Operator	Condition	Action
if	Value	is not	Value	then 0
or	if	No rule statement is valid		then IS_DATE(Value,'DD MM YY')

Rule Logic

Test

Run

Status

Approved

Approved



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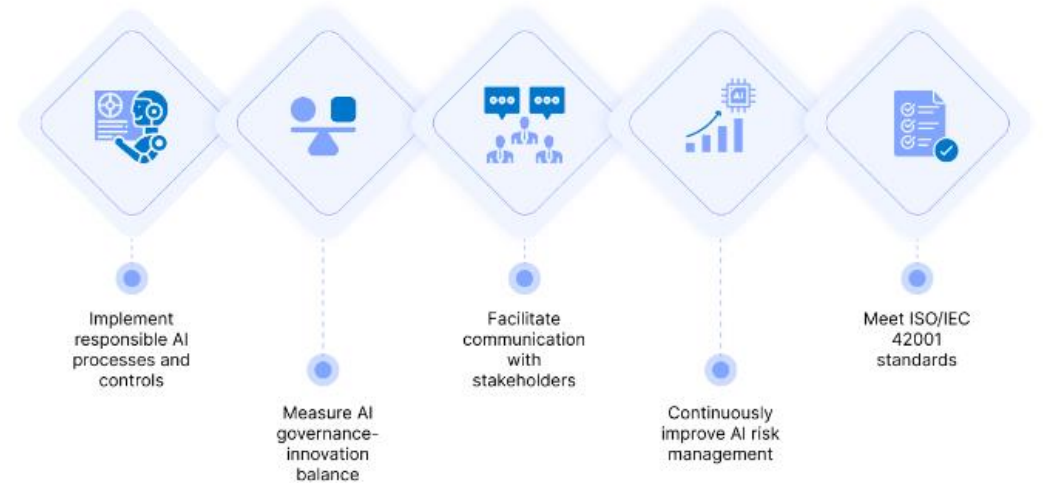
Use of Artificial Intelligence (AI) Standard

GROUP IT

Artificial Intelligence (AI) Strategy

GROUP IT

ISO 42001 Benefits



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Thanks!



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