

Achieving the Elusive Goal of Enterprise Data Awareness



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MetaGovernance, Inc.
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We present a day in the life of
a governance analyst whose
company has achieved
enterprise data awareness

Enterprise Data Awareness

Powered by **MetaGovernance**[®]



Aligns Data Governance with operations

Eliminates risk and waste

Improves response time

Ensures data quality

The day starts with a review of data quality

InfoCheck Control dashboard shows **Action Required**

Executive Summary



InfoCheck Control Summary DEMO

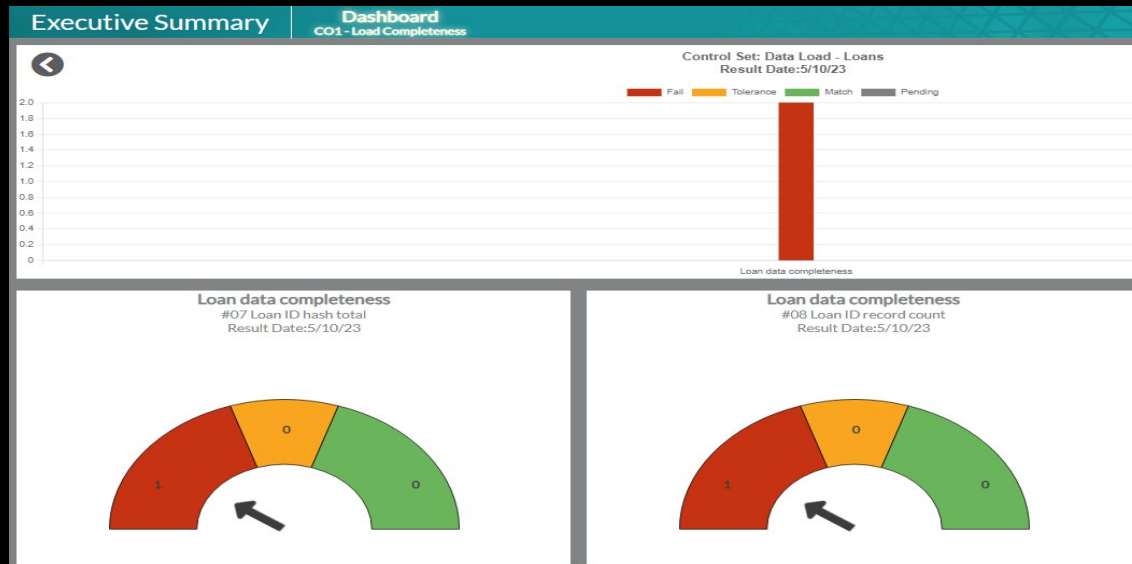
Code	Business Date	Recon Status	# of Occurrence
#01 Borrowing capacity	2023-03-16	Action Required	2
#11 Accrued interest daily	2023-03-16	Action Required	8089
#09 Loan ID uniqueness	2023-05-20	Good	0
#12 Current interest rate	2023-05-20	Good	0
#15 Product Code	2023-05-20	Good	0

Reply

Forward

9:00 am










Control summary review with Enterprise Risk Committee



Executive Summary		Dashboard CO1 - Load Completeness		Control Results #07 Loan ID hash total						
Counts	Data			Comparison		Variance		Supporting		
		Status	Business Date	Recon Date	ExtractLayer HashSumLoanID	LoanSystem HashSumLoanID	Actual	Tolerance	ExtractLayer CountLoanID	LoanSystem CountLoanID
		Fail	03/16/2023	05/10/2023 03:00:00 AM	8,077,281,331.00	8,161,861,057.00	-84,579,726.00	0.00	8816	8900

10:00 am

Confidential Data Review with Chief Information Security Officer

Awareness Builder				
Confidential BA List				
	Business Attribute Name	Business Attribute Description	SecurityClass_Name	SecurityClass_SensitiveFlg
	SOW Number	Identifier of a Statement of Work.	Confidential	true
	Bid Amount	Dollar amount of a bid.	Confidential	true
	Dollars Obligated	Dollar amount obligated to a contract award.	Confidential	true
	Additional Obligation	Additional dollar amount awarded to an existing contract.	Confidential	true
	Accounting Supplemental Data Information	Supplemental Data information used for financial reporting.	Confidential	true
	CO Borrower FICO Score	The co- borrower's representative FICO score	Confidential	true
	CO Borrower Monthly Income	The co-borrower's monthly income.	Confidential	true
	CAMEL Score	The CELS ratings or Camels rating is a supervisory rating system originally developed in the U.S. to classify a bank's overall condition. It's applied to every bank and credit union in the U.S. (approximately 8,000 institutions) and is also implemented outside the U.S. by various banking supervisory regulators.	Confidential	true
	Taxpayer ID Number	An Individual Taxpayer Identification Number (or ITIN) is nine-digit number issued by the IRS to individuals who must have an identifying number but who are not eligible for a Social Security Number or an Employer ID Number	Confidential	true

10:30 am

Review with Regulator

Awareness Matrix shows who is responsible for what

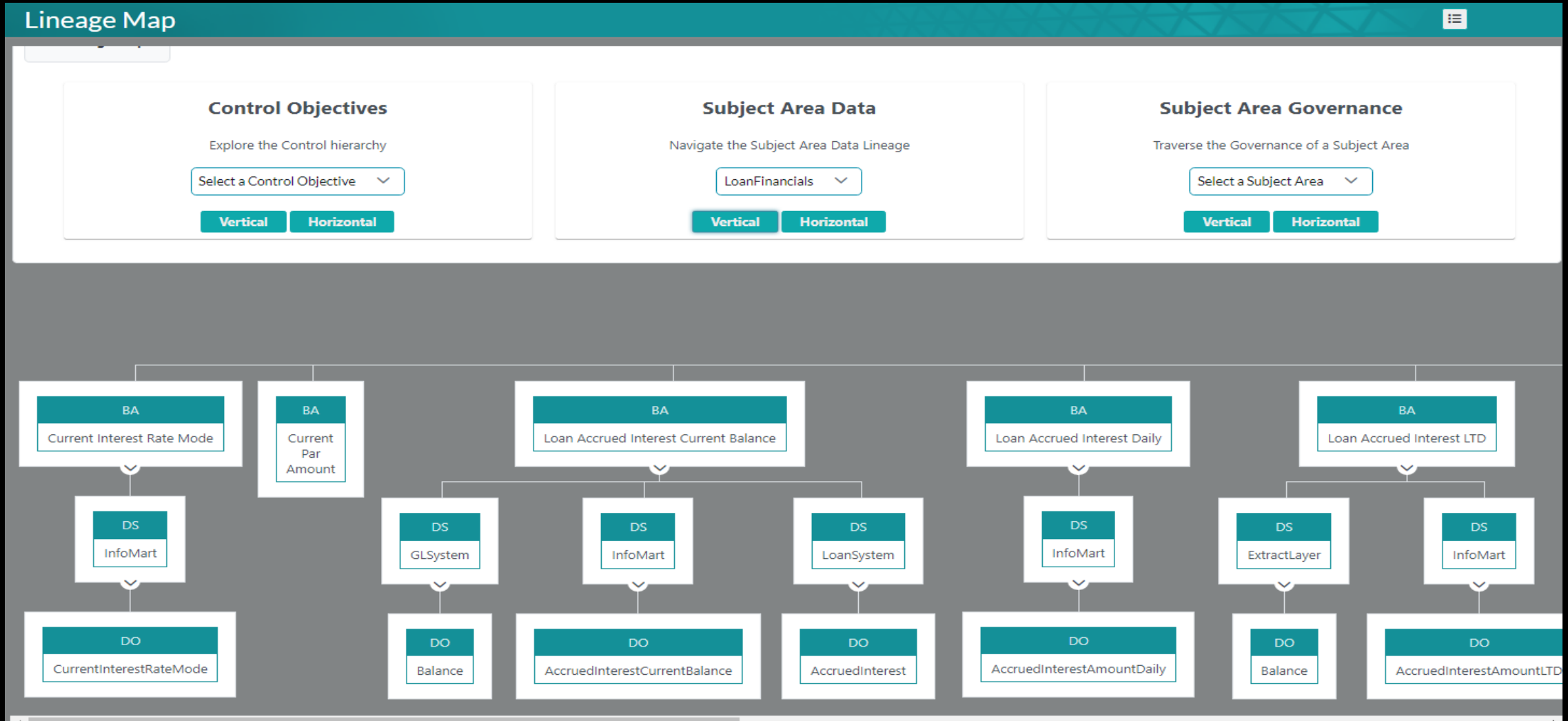
Awareness Matrix

Legend: Ovn Owner Con Consumer Aud Auditor Cus Custodian Del Delegate Ste Steward

Subject Area	System of Record	System of Record																				
		Collateral Review	Corporate Accounting	Credit Risk	Diversity Management	Enterprise Data Team	Financial Accounting	Human Resource	Information Technology	Internal Audit	Investment Accounting	Market Risk	Member Communications	Member Financial Operations	Member Relationships	Mortgage Product Group	Operational Risk and Compliance	Portfolio Strategies	Strategic Planning	Treasury	Vendor Management	
Counterparty / Credit Worthiness	EDW				Ovn			Con			Cus	Aud										Con
Counterparty / Merger / Credit Worthiness	EDW				Ovn						Cus	Aud										Con
Counterparty / Threshold / Credit Worthiness	EDW	Con			Ovn						Cus	Aud										Con
Financial Data	EDW		Con					Ovn	Con		Cus	Aud	Con	Con								Con
General Ledger / Trial Balance	Multiple	Con	Con		Con			Del	Ovn	Con	Cus	Aud	Con	Con		Con		Con	Con	Con	Con	Con
Institution / Total Exposure	EDW				Ovn			Con			Cus	Aud		Con		Con						Con
Investment / Data Enrichment / Financial Data	EDW				Ovn						Cus	Aud										Ovn
Investment / Financial Data	EDW							Ovn			Cus	Aud		Con							Con	Con
Investment / Trade Details	Trading system		Con								Cus	Aud	Con	Con	Con		Con		Con	Con		Ovn
Investment / Uncategorized Data	Trading system							Con			Cus	Aud	Con	Con	Con		Con		Con	Con		Con
Issuer / Security / Credit Worthiness	EDW				Ovn						Cus	Aud	Con									Con
Loan / Credit Worthiness	Loan Accounting							Del			Cus	Aud								Ovn		
Loan / Financial Data	Multiple	Con	Con					Del	Ovn		Cus	Aud										
Loan / Member	Loan Accounting			Con				Con			Cus	Aud				Ovn						
Loan / Trade Details	Trading system							Con			Cus	Aud				Ovn						
Market Data / Prices	Bloomberg							Con			Cus	Aud										Ovn
Market Risk / Metrics	QRM							Ste	Con		Cus	Aud		Con		Ovn						
Member	E-Member										Cus	Aud		Con	Ovn							
Member / Company Details	E-Member	Con	Con					Del	Con	Con	Cus	Aud	Con		Ovn		Con		Con	Con		
Member / Credit Risk / Credit Worthiness	E-Member				Ovn						Cus	Aud			Con		Con					
Member / Merger	E-Member							Con			Cus	Aud			Ovn							
Mortgage	Multiple										Cus	Aud							Ovn			
Mortgage / Borrower	Loan Accounting							Con			Cus	Aud							Ovn			
Mortgage / Property	Loan Accounting										Cus	Aud							Ovn			
PMI / Company Details	Loan Accounting										Cus	Aud										
Reference Data	Multiple							Ovn	Con		Cus	Aud	Con									
Supplier / Compliance	Vendor Management System										Cus	Aud										Ovn
Supplier / D&I Performance	Vendor Management System							Del			Cus	Aud										Ovn
Supplier / Performance Goal	EDW		Con					Del			Cus	Aud									Ovn	Con
Supplier / Spending	AP							Del	Ovn		Cus	Aud									Ovn	Con

11:30 am

Internal Audit review of Accrued Interest physical data copies



1:00 pm

Meet with Chief Risk Officer to identify which documents contain CAMELS ratings

The screenshot shows the 'Business Attributes' interface for 'CAMEL Score'. The main table lists the attribute with a checked checkbox and an 'Effective From' date of 01/01/2020. A details pane on the right shows the following information:

- Business Attribute:** CAMEL Score
- Control Attribute:** No
- Effective From:** 01/01/2020
- Effective Thru:** (empty)
- Description:** The CELS ratings or Camels rating is a supervisory rating system originally developed in the U.S. to classify a bank's overall condition. It's applied to every bank and credit union in the U.S. (approximately 8,000 institutions) and is also implemented outside the U.S. by various banking supervisory regulators.
- Comment:** (empty)

The legend defines roles by color: Own (yellow), Con (blue), Aud (purple), Cus (grey), Del (green), and Ste (red). Below the legend, a diagram shows subject areas and their associated roles:

- Model Risk:** Ste
- Member Financial Operatic:** Con
- Internal Audit:** Aud
- Information Technology:** Con
- Credit Risk Counterparty:** Con
- System of Rec...:** Own
- Subject Area:** Member / Credit Risk / Credit Worthiness (Own, Cus, Aud, Con, Con), E-Member (Own, Cus, Aud, Con, Con)

Awareness Builder		Camels Summary							
BA_Name	Doc_Name	Doc_Description	SA_Name	Security_Class	Sensitive_Flag	SA_Control_Flag	Role	Org_Group	
CAMEL Score	MBR Review	Contains summary of the Member Credit review	Member / Credit Risk / Credit Worthiness	Confidential	true	false	Owner	Member Financial Operations	

2:30 pm

Working session with Credit to add missing Borrowing Capacity to the Data Warehouse through InfoStore (Integrated MDM)

Datasets		Active Snapshot				
Member Borrowing Capacity		First Snapshot of Member Borrowing Capacity				
Change Key	MemberNumber	MemberName	MemberBorrowingCapacity	TerminationDate	Date Created	Date Modified
1	100	SUNTRUST BANK	5500000000.00		09/17/2020	11/06/2020
2	101	CHASE BANK	100000000000.00		09/17/2020	09/17/2020
3	102	WELLS FARGO BANK	150000000000.00	8/31/2020	09/17/2020	09/18/2020
4	103	CITIBANK	250000000000.00		09/17/2020	09/17/2020
5	104	BANK OF AMERICA	215000000000.00		09/17/2020	09/17/2020
6	105	REGIONS BANK	6800000000.00		09/17/2020	09/17/2020
7	106	FLAGSTAR BANK	7500000000.00		09/17/2020	09/17/2020
8	107	RBC BANK TEST	7110000000.00		09/17/2020	05/30/2022
9	108	COUNTRY CLUB BANK	19759000000.00		09/17/2020	09/17/2020
10	109	CAPITOL FEDERAL	86378000000.00		09/17/2020	09/17/2020
11	110	BANK MIDWEST	77557000000.00		09/17/2020	11/06/2020

4:30 pm

Work with Business Analyst to eliminate spreadsheets during data mapping

Data Mappings

dm.FactAdvanceBalance

Target Table
dm.FactAdvanceBalance

Owners

- Subject Area: General Ledger / Trial Balance
Owner: Financial Accounting
- Subject Area: Loan / Trade Details
Owner: Member Financial Operations
- Subject Area: Market Risk / Metrics
Owner: Market Risk
- Subject Area: Member / Company Details
Owner: Member Financial Operations

Target Columns

- Balance
- MemberNo
- MemberName

Properties of Balance

Business Attribute: Account Balance
Data Type: DECIMAL(19,2)

Nullable: Carry Forward: Primary Key:
Calculated: ETL Attribute: Foreign Key:

Selected Source Columns

- LoanSystem.LoanSystem.Trade.OutstandingBalance
- ExtractLayer.ext.Ledger.Balance
- ExtractLayer.ext.Trade.OutstandingBalance

Search... All Map Act.

	Data Source	Container Name	Column Name
<input type="checkbox"/>	APSystem	AP.InvoicePayment	GLAccountNumber
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoiceAmountPaid
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoiceBalanceDue
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoiceDate
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoiceId
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoicelsPaid
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoiceMemo
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoiceNumber
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoicePaymentId
<input type="checkbox"/>	APSystem	AP.InvoicePayment	InvoiceStatus

Transformation Type: Pass-through

Transformation Logic

Normal Sans Serif B I U A A

Awareness

The image features a dark blue background with a grid of lightbulbs. The central lightbulb is brightly lit, emitting a starburst of light rays, while the others are dimly lit or unlit. The word 'Awareness' is written in large, white, sans-serif font across the top.



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