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BY MAGNITUDE

Take Control of Your Evolving ERP Footprint with Real-Tiume, Combined Reporting from On-Premise and Cloud Applications

July 2019

Tim Colleran – Sr. Solution Architect

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Agenda

- Introduction
- Challenges
- Magnitude's Strategy
- Demonstration
- Customer Story

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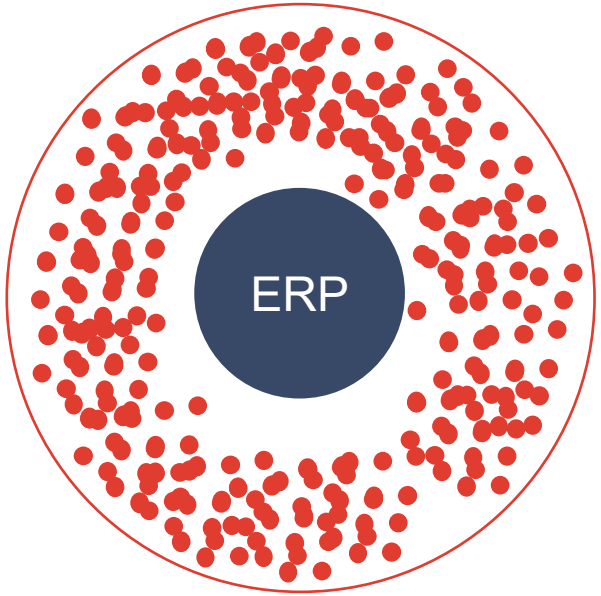
Today's BI Challenges – Reality of a Hybrid Environment

ERP Vision

Single instance delivering detangling process complexity and delivering vast organizational efficiencies

Reality



Core ERP fails to deliver on operational improvements because of fragmentation, creating whitespace around the ERP.
Custom builds and 3rd party vendors fill the gaps in the whitespace

Magnitude Strategy

Magnitude strategy focused on consolidating the whitespace around core ERP through **internal product development and M&A**

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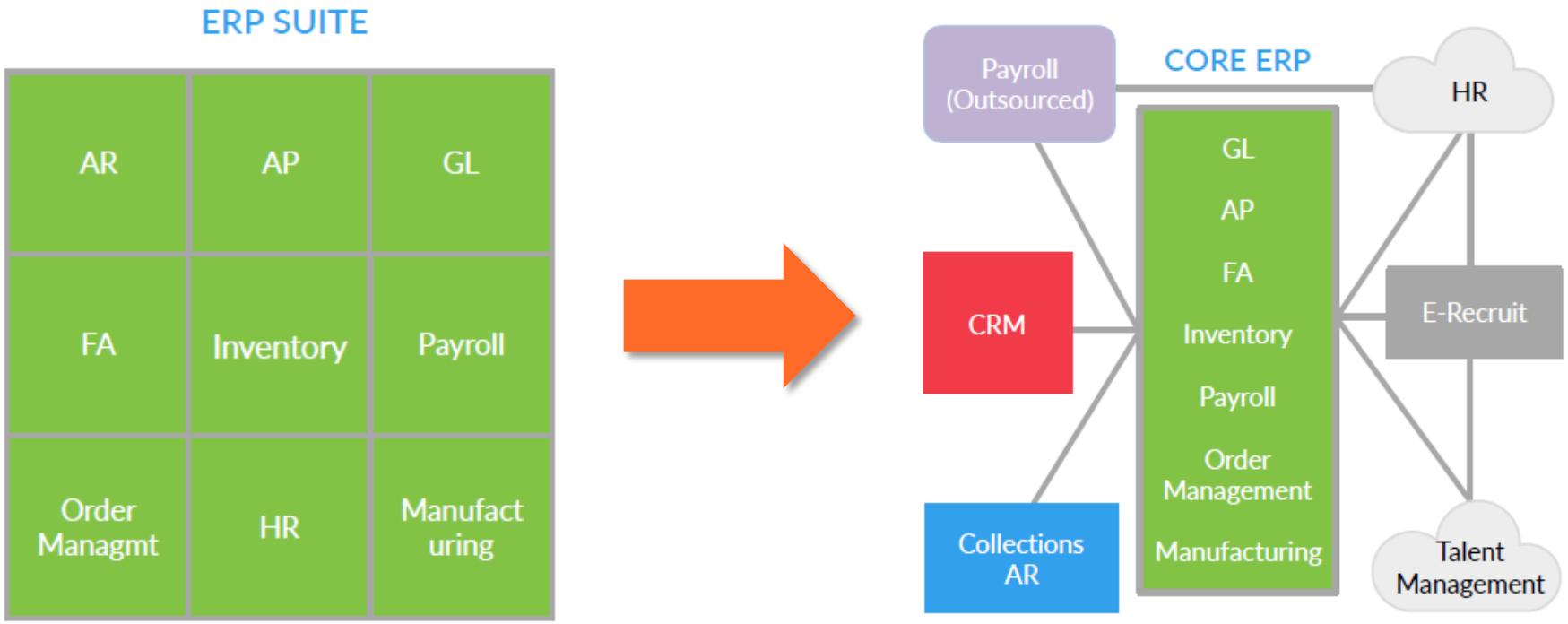
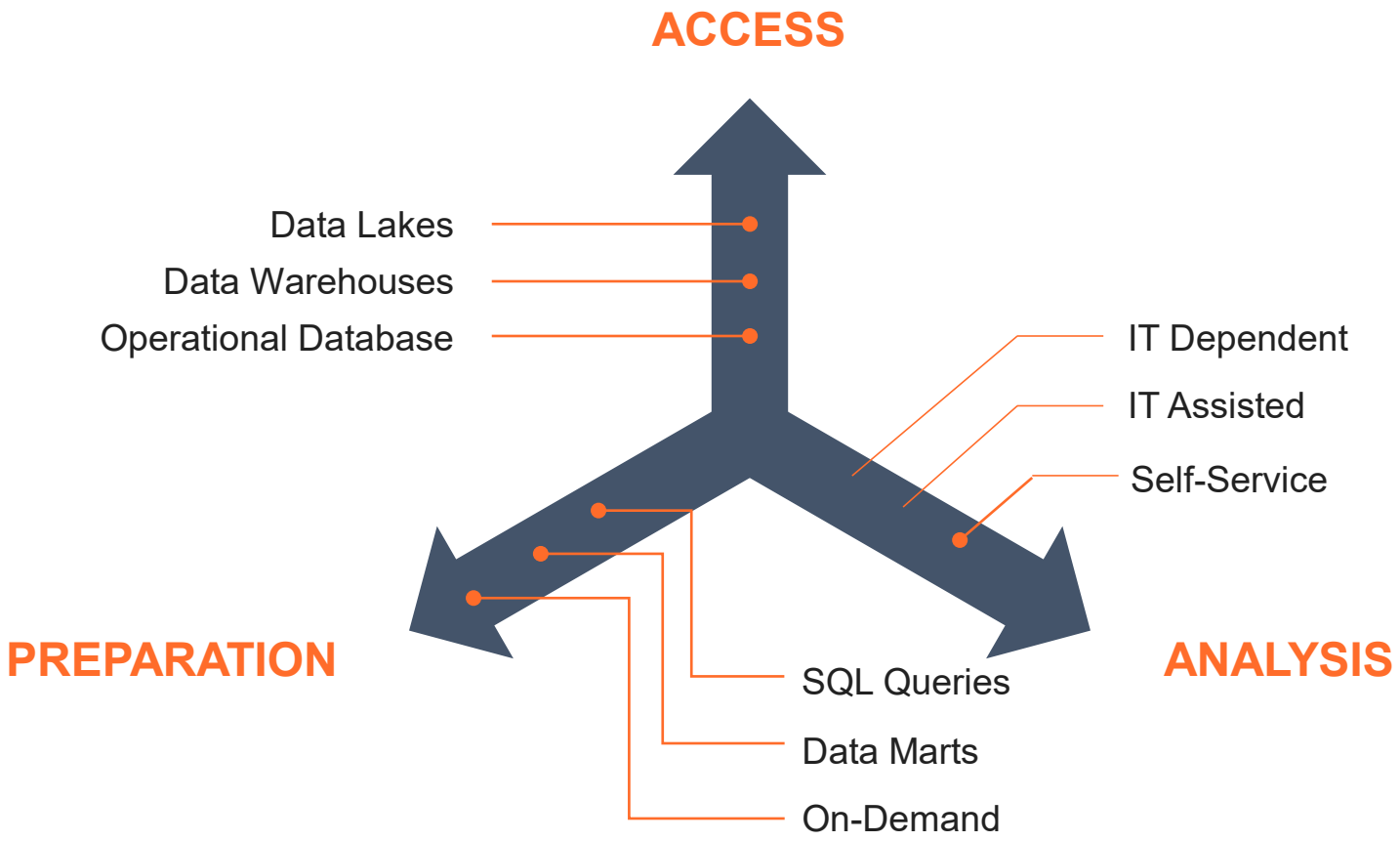
Today's BI Challenges – ERP Evolution



Today’s BI Challenges – Business Intelligence Evolution



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Today's BI Challenges – How do we access data?

OPERATIONAL DATABASE

DATA WAREHOUSE

DATA LAKE

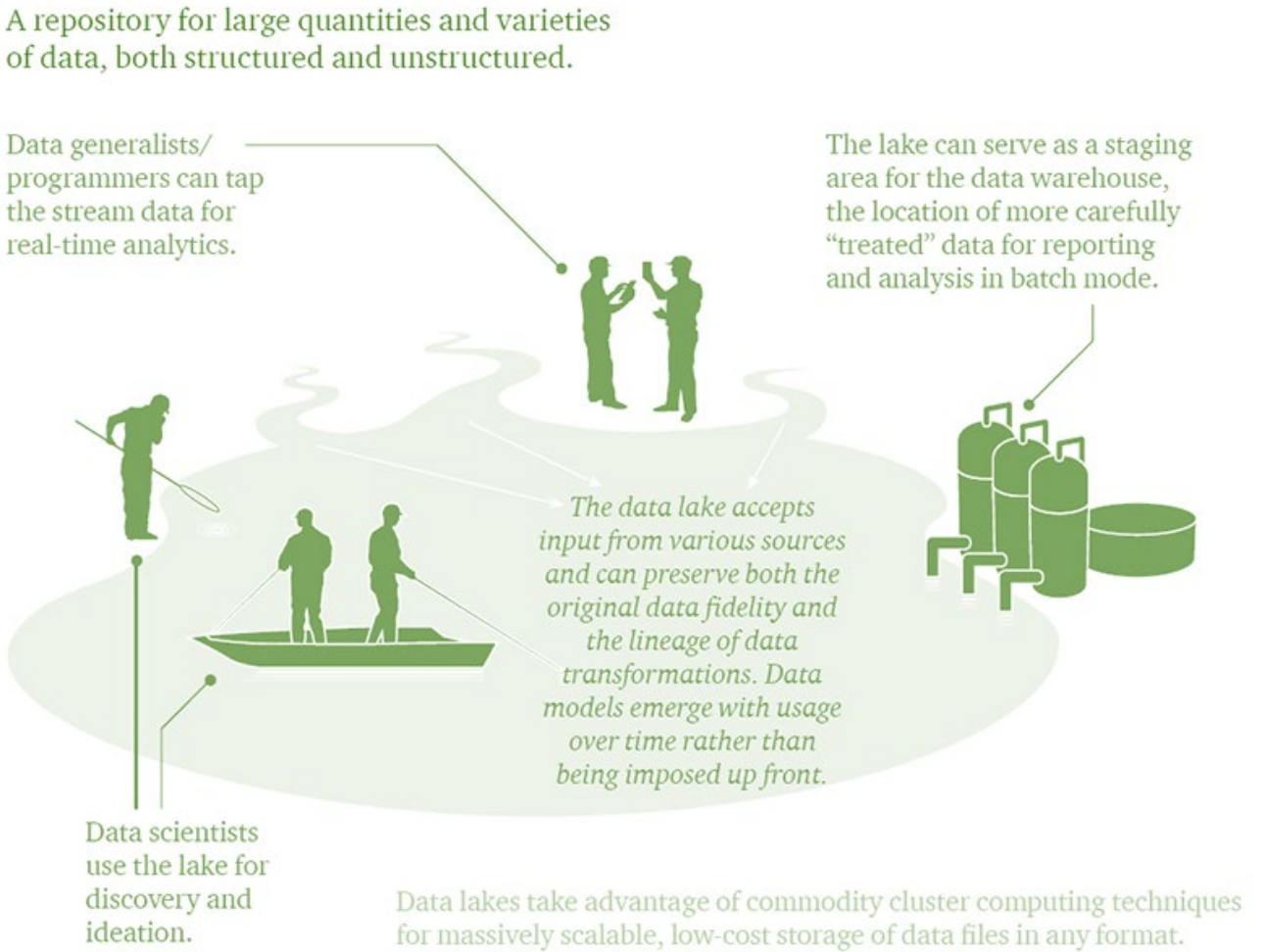

*Image source: pwc

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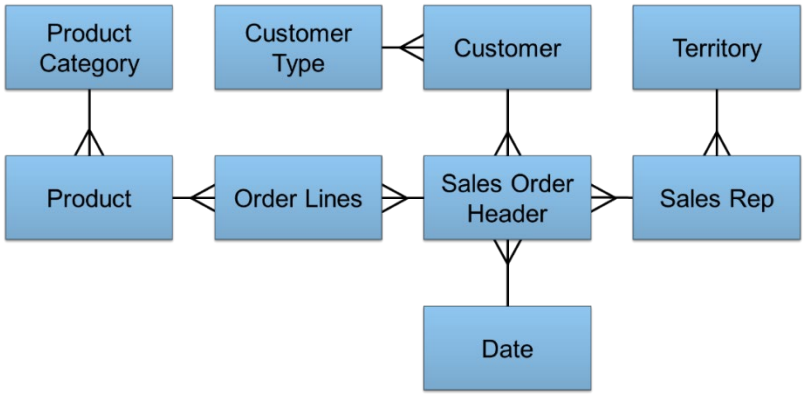
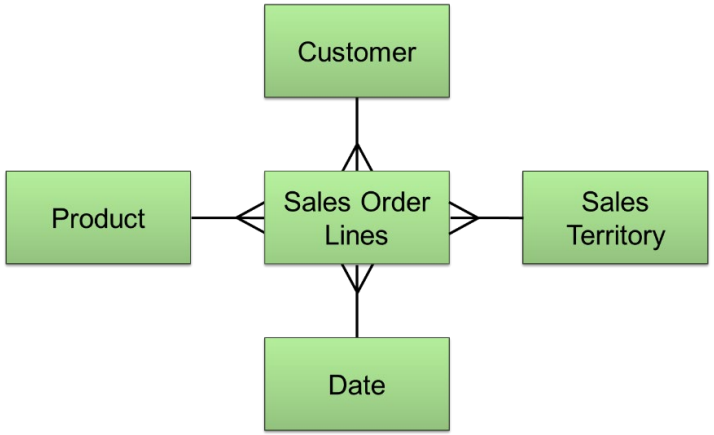
Today’s BI Challenges – How do we prepare data?





SQL QUERIES

DATA MARTS

ON-DEMAND

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Today’s BI Challenges – How easy is it to analyze data?

IT DEPENDENT

IT ASSISTED

SELF-SERVICE

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How can Noetix help? – Noetix Cloud Analytics, a Central Reporting Platform

Multiple Applications

On-Premises ERP Applications

ORACLE E-BUSINESS SUITE

ORACLE JD EDWARDS

SAP

Cloud Applications

ORACLE CLOUD

salesforce

Legacy, Other On-Prem Applications

Cloud-Enabled Central Storage

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Microsoft SQL Azure

amazon REDSHIFT

snowflake

- Cloud-Enabled, Centralized Reporting Platform
- 1000+ Pre-Built Real-Time Views and Reports and Analytical Data Marts
- Single User Interface for:
  - Content Search
  - Extending and Creating Views
  - Combined Application Reporting
  - BI Tool Generation

360 Degree Analysis & Reporting

Finance

Supply Chain

HCM

Power BI

tableau

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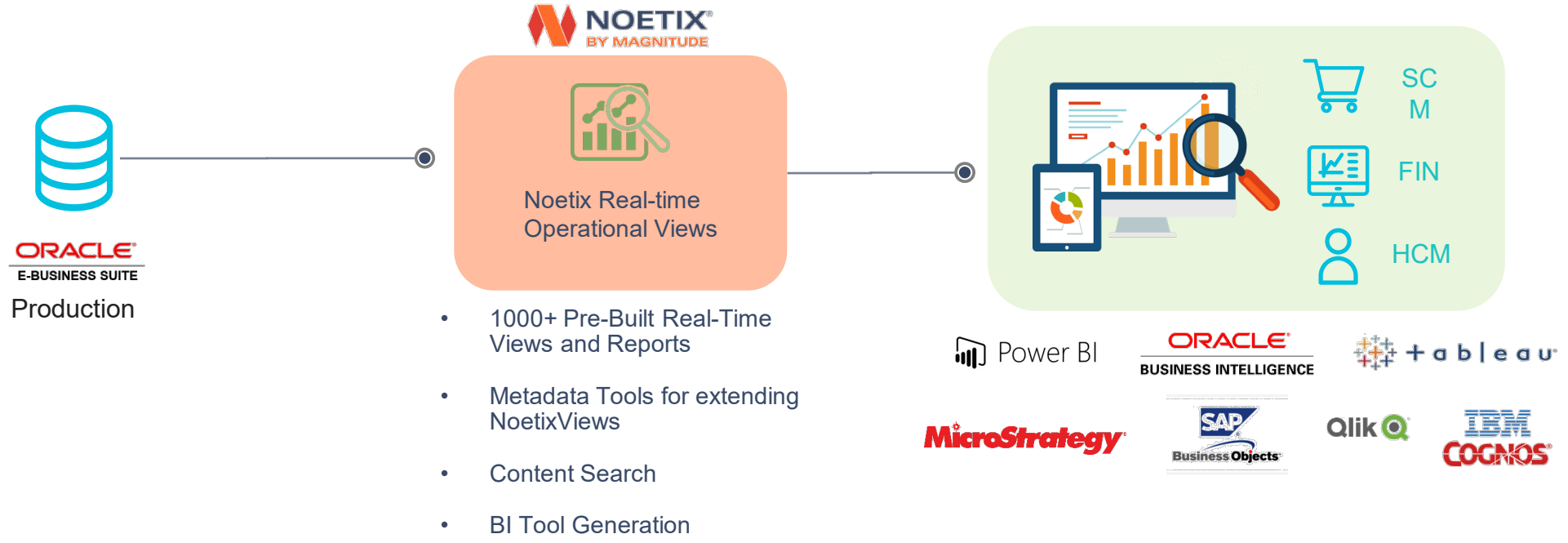
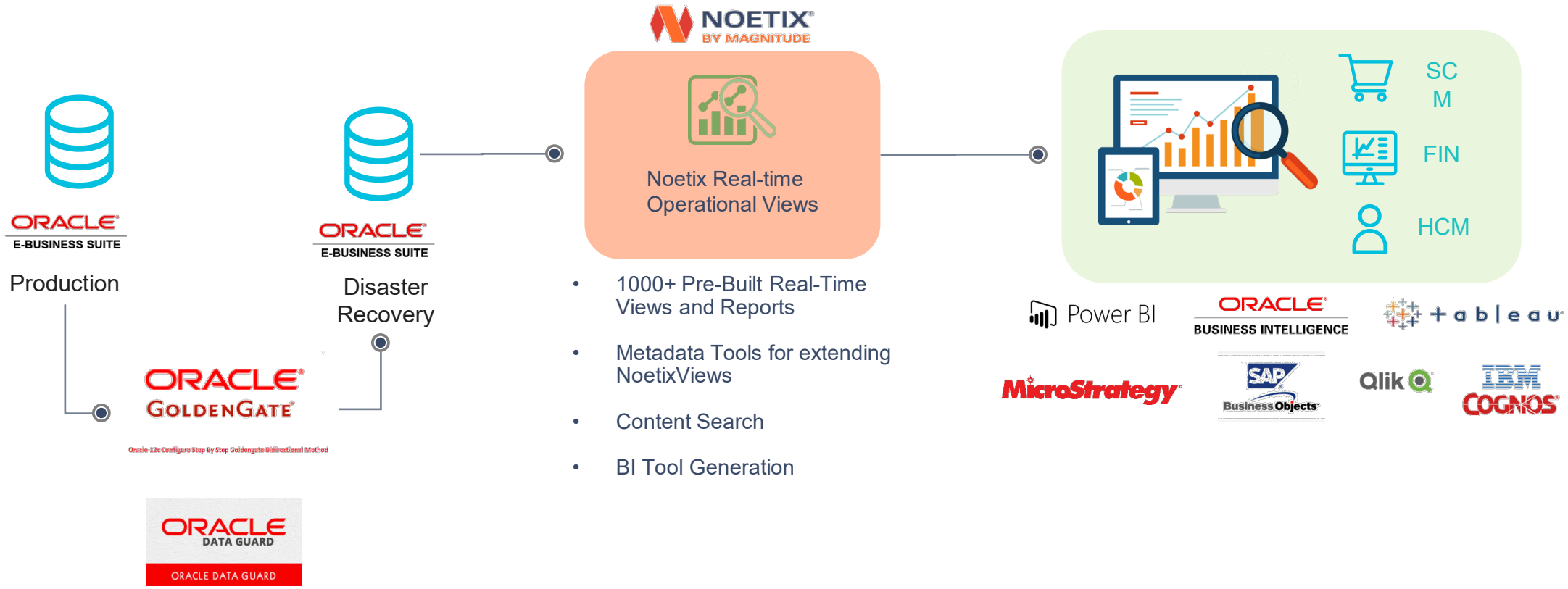
Evolution of Noetix – Stage 1



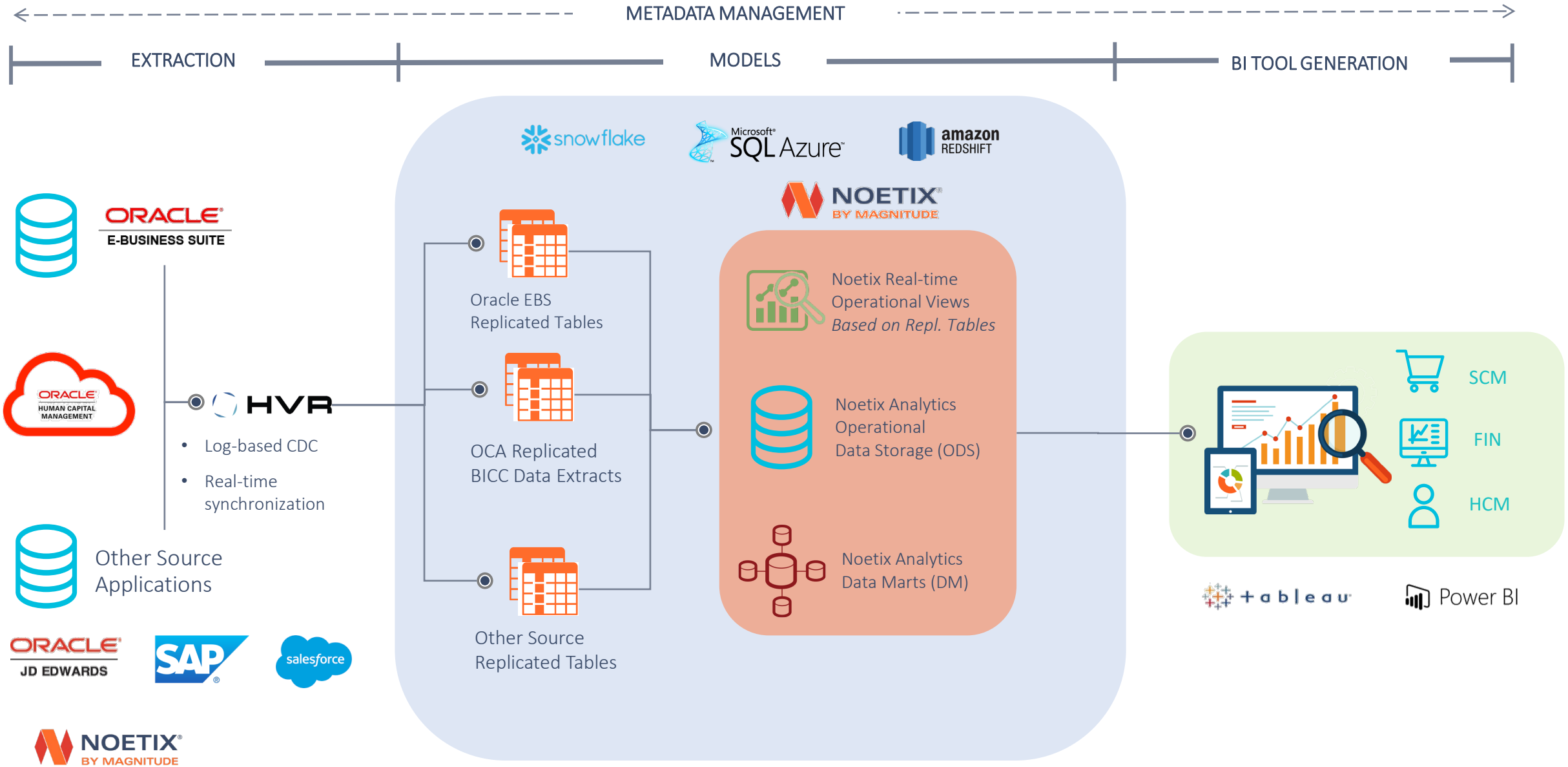
- 1000+ Pre-Built Real-Time Views and Reports
- Metadata Tools for extending NoetixViews
- Content Search
- BI Tool Generation

Evolution of Noetix – Stage 2



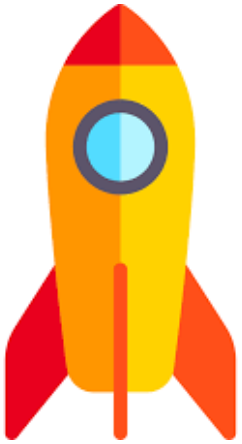
- 1000+ Pre-Built Real-Time Views and Reports
- Metadata Tools for extending NoetixViews
- Content Search
- BI Tool Generation

Evolution of Noetix – Noetix Cloud Analytics Architecture



Noetix Cloud Analytics Key Benefits

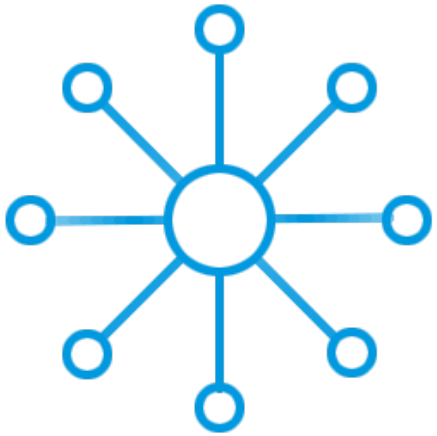
- Centralized cloud database to support analytical and operational reporting
- Integrate data from multiple-ERPs
- Connect to any source including cloud applications
- Reduce load on transactional systems



BROAD, RICH CONTENT

- Proven pre-built reporting and analytics
- Real-time views
- Packaged ETL and data warehouse
- Customize and extend
- Documented and cataloged

CENTRALIZED



FUTURE-READY

- Connect using the latest BI Platforms
- Support cloud adoption including OCA
- Quickly integrate systems from acquisitions or mergers
- Repatriate your organization's data
- Upgrade protection

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Noetix Cloud Analytics – Use Cases - Administrator

- Consolidate data from multiple applications for reporting
- Leverage the Cloud for better scalability, cost structure, and performance
- Support company growth and integrate data from acquisitions and mergers faster
- Improve operational reporting performance while still allowing real-time access
- Better support user groups wanting self-service by enabling the latest reporting and visualization BI tools

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Noetix Cloud Analytics – Use Cases – Analyst / SME

- Report and drill through data from multiple sources, either on-premise or SaaS
- Quickly create reports and analyze data from a source ERP without having extensive knowledge of the underlying data model
- Ability to integrate data from acquisitions and mergers into existing reporting
- Curate and share datasets to support critical business reporting
- Easily extend existing reporting to support changing requirements and answer today's business questions

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Noetix Cloud Analytics – Use Cases – Business User

- Fast, accurate, real-time, consolidated, and integrated reporting and analysis
- Easily find reports, datasets that relate to my job function
- Ability to drill to details to verify data and answer business questions to variances or anomalies
- Easy to use interface
- Ability to manipulate real-time, refreshable datasets in Excel

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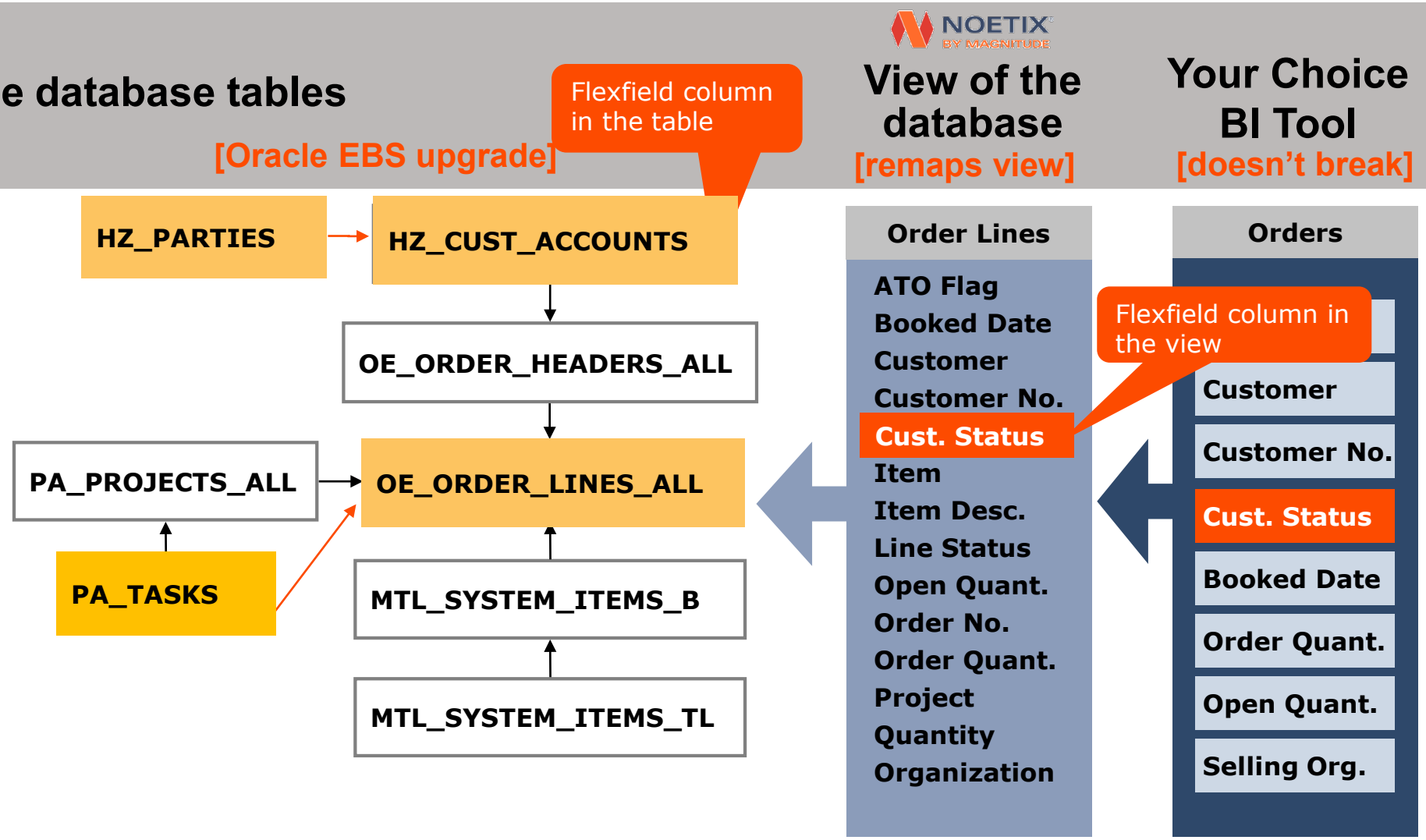
Simplifying the Oracle EBS Data Model



Noetix Content - Real-Time NoetixViews for Oracle EBS

FINANCIALS	HUMAN RESOURCES	SALES	SUPPLY CHAIN	DISCRETE MFG.	PROCESS MFG.	PROJECTS	SERVICE
General Ledger	Human Resources	Quoting*	Inventory			Costing	Service Contracts
Payables	Advanced Benefits	Incentive Compensation*	Advanced Supply Chain Planning			Billing	TeleService
Receivables & Advanced Collections*	Payroll	Field Sales*	Quality		Process Quality	Project Contracts*	Field Service
Subledger Accounting	Learning Management*		Purchasing	Bills of Material	Planning	Project Management	Install Base
Employee Expenses*	Time & Labor		iProcurement*	Master Scheduling MRP	Development	Grants Accounting	Depot Repair
Assets	Labor Distribution*		Order Management	Work in Process	Execution	Project Manufacturing*	
Enterprise Asset Management	Performance Management*		Contract Lifecycle Management	Cost Management	Financials		
Cash Management			Supplier Lifecycle Management*				
Property Management*			Procurement Contracts*				

* Limited Availability

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Noetix Content - Other Applications

Oracle JD Edwards E1

- Financials
- Human Capital Management
- Equipment Management
- Expense Management
- Inventory
- Load and Delivery
- Manufacturing
- Purchasing
- Sales, Service
- Warehouse, Transportation

Oracle PeopleSoft

- Financials
- Human Resources
- Payroll
- Projects Accounting
- Purchasing

Oracle Cloud Apps

- Expense Cloud
- HCM Cloud*
- Financials Cloud*
- SCM Cloud*

* *Planned for delivery in 2019*

SaaS Applications

- Salesforce
  - Assets
  - Campaigns
  - Cases
  - Events
  - Leads
  - Opportunities
  - Tasks
  - Price Book
- Zuora
  - RevPro

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Noetix Cloud Analytics – HCM Content Coverage – Full Roadmap

Offering: Cover Core HR, Benefits, Talent Management, Compensation, Recruitment

Benefits
- Action Items
- Enrollment Opportunities
- Enrollments
- Potential Life Events
- Setup

Workforce Management
- Absence
- Accrual
- Employment Contract
- Grade Rate
- Person
- Position
- Vacancy
- Work Relationship
- Worker Assignment Event
- Worker Assignment
- Workforce Trend

Workforce Performance
- Performance Document Eligibility
- Performance Document Status
- Performance Rating Distribution
- Performance Rating
- Performance Task Status

Workforce Succession Management
- Incumbent Plans
- Job Plans
- Plan Candidates
- Position Plans
- Talent Pools

Workforce Talent Review
- Talent Review Meeting
- Talent Review Tasks

Compensation
- Salary Details
- Salary History Details
- Stock Details
- Workforce Compensation Budgets
- Workforce Compensation

Human Capital Management
- Approval Notification Archive
- Transaction Administration

Recruiting
- Recruiting

Workforce Goals
- Target Outcomes

Workforce Management
- Checklist
- Documents of Record
- Historical Processed Time Cards
- Historical Reported Time Cards
- Planned Schedules
- Processed Time Cards
- Published Schedules
- Reported Time Cards
- Scheduler Profiles
- Setup Objects and Profiles
- Time Collection Devices

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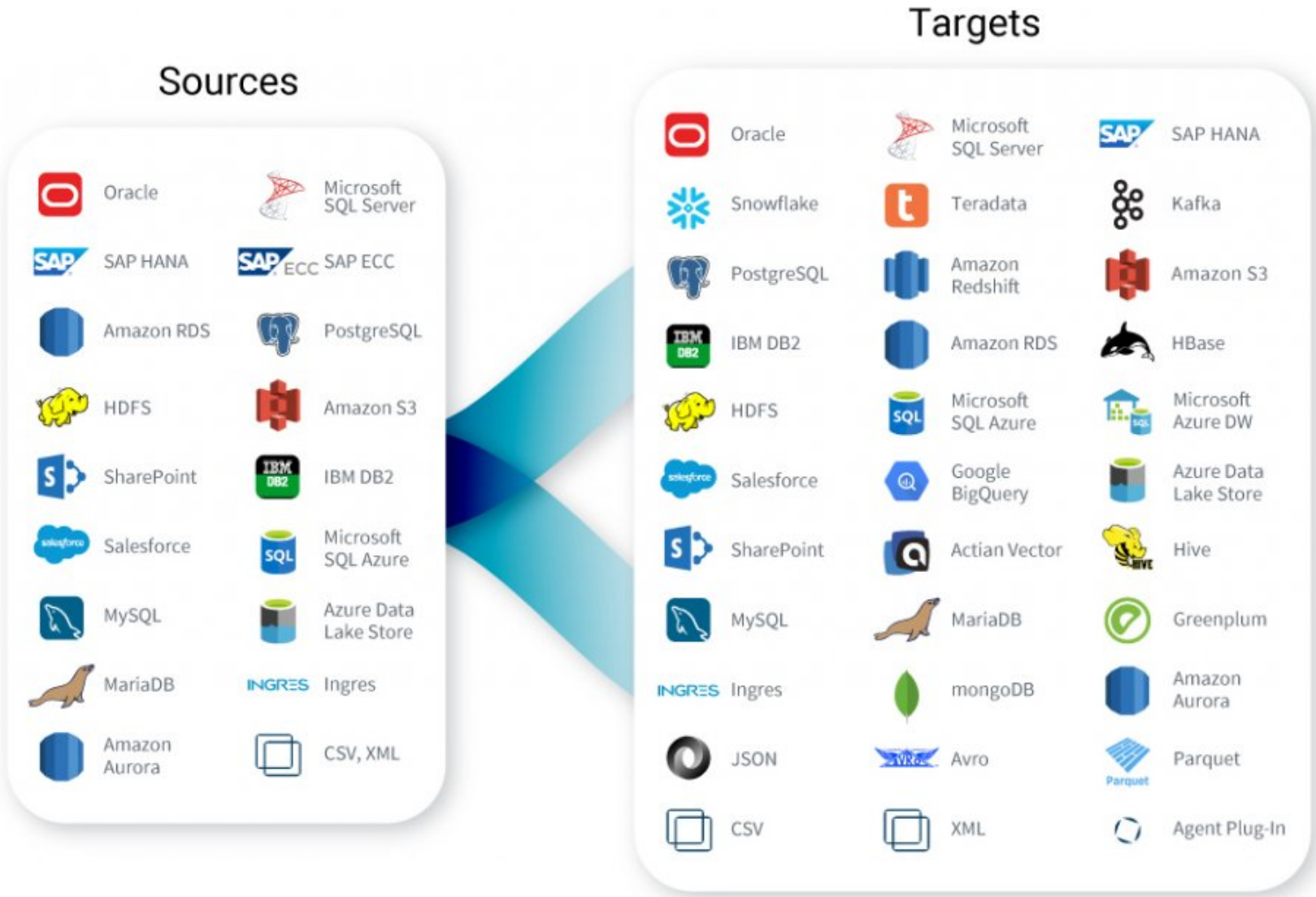
HVR Connectors

- Primarily for On-Prem data sources
- Real Time Log Based Changed Data Capture



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Demonstration

Use Case: Performing real-time account analysis with subledger detail in Power BI

Role: Business User

System: Noetix Cloud Analytics Power BI Generator

Key Takeaways

- Access to real-time Oracle EBS data from a central, integrated platform with access to multiple EBS environments
- Proven pre-built business content for Oracle EBS to simplify data preparation and report development
- Simple generation of reports into Power BI

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Why Noetix Generator?

- Streamlines Data Access
  - No need to have Oracle Client installed
  - Leverage existing NoetixViews
  - Multi-View datasets using pre-defined joins and view relationships
  - Add parameters for faster data access

- Simplifies Security
  - Inherits existing Oracle EBS multi-org and Noetix role-based row-level security
  - Users do not need to login to Oracle, authenticated through Windows login
  - Security is enforced after the report is generated

- Accelerates BI Tool Implementation
  - Quickly access EBS data without having to navigate complex base tables and join relationships
  - Get started today using the NoetixViews your users are familiar with today
  - Balances Power User – User relationships while allowing for managed self-service

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Why Microsoft Power BI?

- The most intuitive, easy-to-use BI platform on the market today
  - Familiar Microsoft UI
  - Builds upon the Excel knowledge foundation of today's business users
  - Has the focus of Microsoft R&D, feature-rich monthly updates
- Seamless integration with Office 365 and Excel
  - Excel add-in allows users to quickly have their real-time EBS data in an Excel Pivot Table
  - Share and Collaborate on Excel files through the report server and Excel Online
- Easily schedule, share, and collaborate on dashboards, reports and workbooks saved to a robust report server
  - Desktop, Online, Mobile Devices
- Self-service analysis with support for many different data sources
  - SQL Server, Azure, Salesforce, Excel workbooks, MS Access, Oracle DB, and many more
  - Easily create relationships and cross-application reporting

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Legal Entity	Account Type	Account	JE Source	JE Category
01	All	All	All	All

All values displayed in functional currency (USD)

Instructions: Click on any account in the Trial Balance to view JE lines. Right-Click on any account to drill through to transaction detail (GL JE SLA Detail).

Trial Balance by Account

Account	Account Description	Beginning Balance	Net Activity	Ending Bala
1952	Lease Funding	3,331,269.37	0.00	3,331,26
1953	Assets on Lease - Vehicles	2,125,081.00	0.00	2,125,08
1955	Assets on Lease - Office Equipment	1,504,650.00	0.00	1,504,65
1956	Accumulated Depn - Vehicles	-1,964,914.73	0.00	-1,964,91
1957	Accumulated Depn - Computers	-130,000.00	0.00	-130,00
1958	Accumulated Depn - Office Equipment	-3,477,800.91	0.00	-3,477,80
1959	Residual Value	1,302,456.00	0.00	1,302,45
1960	Loan Principal	552,322.43	0.00	552,32
1961	Insurance Receivable	-18,900.00	0.00	-18,90
2110	Payable to Bank - Current	-85,993,103.57	0.00	-85,993,10
2210	Accounts Payable	-686,524,106.27	-28,597,490.49	-715,121,59
2215	Accrued Receipts	-775,460.97	0.00	-775,46
2220	Accounts Payable Clearing	-28,765,162.33	-17.21	-28,765,17
2225	Accrued Expenses	21,349.84	0.00	21,34
2240	Cost of Removal Clearing	-25.00	0.00	-2
2300	Income Taxes Payable	0.00	0.00	
2340	State Income Tax Payable	0.00	0.00	
2350	Deferred Income Taxes - Current	0.00	0.00	
2370	Intercompany Payables	-545,372.98	0.00	-545,37
2373	I/C Payables - Distribution	-18,030.00	0.00	-18,03
2374	I/C Payables - Services	-13,200.00	0.00	-13,20
2381	I/C Payables - Thailand	-49,000.00	0.00	-49,00
2410	Accrued Payroll	-1,436,520.83	-19,063.50	-1,455,58
2420	Payroll Clearing	-272,636,231.99	-3,125,131.47	-275,761,36
2510	Federal Pay Income Tax Withheld	-6,012.68	0.00	-6,01
2511	State Pay Income Tax Withheld	0.00	0.00	
Total		0.00	0.00	

GL Journal Lines Detail

Account	JE Source	JE Category	JE Status	JE Name	DR (Acctd)	CR (Acctd)	Net (Acctd)
2210	Payables	Cash Disbursements	Posted	Jun-09 Payments USD	2,385,851.06	0.00	2,385,85
2210	Payables	Accounts Payable Invoices	Posted	Jun-09 Purchase Invoices USD	256,821.99	29,495,553.56	-29,238,73
2210	Cost Management	Receiving	Posted	Jun-09 Receiving USD	0.00	256,821.98	-256,82
2210	Manual	Adjusting Journal Entry	Posted	PK Journal	0.00	110.00	-11
2210	Spreadsheet	Adjusting Journal Entry	Posted	Benefits/Commisions/Misc 2009 June Adjustment USD	0.00	1,487,678.00	-1,487,67
					2,642,673.05	**31,240,163.54**	**-28,597,49**

FILTERS

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Third Party Name: All

SL Application: All

GL Journal Lines Summary by Source / Category

JE Source	JE Category	DR	CR	Net
Manual	Adjustment	0.00	110.00	-110.00
Spreadsheet	Adjustment	0.00	1,487,678.00	-1,487,678.00
Payables	Payments	2,385,851.06	0.00	2,385,851.06
Payables	Purchase Invoices	256,821.99	29,495,553.56	-29,238,731.57
Cost Management	Receiving	0.00	256,821.98	-256,821.98
Total		**2,642,673.05**	**31,240,163.54**	**-28,597,490.49**

SLA Lines Summary by Source / Category

JE Source	JE Category	DR	CR	Net
Cost Management	Receiving	0.00	256,821.98	-256,821.98
Payables	Payments	2,385,851.06	0.00	2,385,851.06
Payables	Purchase Invoices	256,821.99	29,495,553.56	-29,238,731.57
Total		**2,642,673.05**	**29,752,375.54**	**-27,109,702.49**

unt Segment	JE Batch Name	JE Header Name	JE Header Description	JE Source	JE Category	Transaction Number	Third Party Name	DR	CR	Net
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6861	Advanced Network Devices	779,439.97	0.00	779,439.97
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6875	American Telephone and Telegraph	461,005.72	0.00	461,005.72
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6870	Bank of America	349,980.00	0.00	349,980.00
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6873	United Parcel Service	245,568.30	0.00	245,568.30
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6871	General Electric	182,706.22	0.00	182,706.22
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6874	Allied Manufacturing	159,543.84	0.00	159,543.84
00-2210-0000-000	Payables A 2773590 6462953	Jun-09 Payments USD	Journal Import 6462953:	Payables	Payments	12992	Office Supplies, Inc.	59,696.72	0.00	59,696.72
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6865	Star Gate Ltd	59,013.16	0.00	59,013.16
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6859	Consolidated Supplies	17,685.54	0.00	17,685.54
00-2210-0000-000	Payables A 2778771 6466081	Jun-09 Payments USD	Journal Import 6466081:	Payables	Payments	6880	Consolidated Supplies	16,600.56	0.00	16,600.56
00-2210-0000-000	Payables A 2773590 6462953	Jun-09 Payments USD	Journal Import 6462953:	Payables	Payments	12991	Industrial Dressler	16,564.87	0.00	16,564.87
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6858	Consolidated Supplies	14,207.01	0.00	14,207.01
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6866	CIC Management Inc.	8,500.00	0.00	8,500.00
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6862	Advanced Network Devices	8,000.00	0.00	8,000.00
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6857	Vision	3,498.60	0.00	3,498.60
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6856	HVAC Express	2,135.00	0.00	2,135.00
00-2210-0000-000	Payables A 2773590 6462953	Jun-09 Payments USD	Journal Import 6462953:	Payables	Payments	12993	Jones, Gray, and Associates	868.00	0.00	868.00
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6864	Mercury Plumbing	327.00	0.00	327.00
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6872	MoreDirect.com	281.16	0.00	281.16
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6860	Consolidated Supplies	164.29	0.00	164.29
00-2210-0000-000	Payables A 2765504 6451221	Jun-09 Payments USD	Journal Import 6451221:	Payables	Payments	6867	Staffing Services Inc.	65.10	0.00	65.10
								2,642,673.05	**29,752,375.54**	**-27,109,702.49**

PivotTable Name: PivotTable2 | Options | Active Field: SUPPLIER_NAME | Field Settings | Drill Down | Drill Up | Expand Field | Collapse Field | Group Selection | Ungroup | Group Field | Insert Slicer | Insert Timeline | Filter Connections | Refresh | Change Data Source | Clear | Select | Move PivotTable | Fields, Items, & Sets | OLAP Tools | Relationships | PivotChart | Recommended PivotTables | Field List | +/- Buttons | Field Headers

E16 | Advanced Network Devices

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GL / SLA Purchase Invoice Transactions		Payables Subledger Invoices		SLA	Payables Invoices	SLA vs Payables Difference
ACCTSLAQVBALANCING	01					
ACCTSLAQVNATURAL_ACCOUNT	2210					
SUBLEDGER_APPLICATION_NAME	Payables					
JOURNAL_CATEGORY_NAME	Purchase Invoices	ACCTEXPQVBALANCING	01			
GL_PERIOD_NAME	Jun-09	GL_PERIOD_NAME	Jun-09			

Row Labels	Total SLA Amount CR	Row Labels	Total Distr Amount			
	327,883.62		327,883.62	327,883.62	327,883.62	-
Advanced Network Devices	25,901,518.38	Advanced Network Devices	25,901,518.38	25,901,518.38	25,901,518.38	-
Allied Manufacturing	82,111.72	Allied Manufacturing	82,111.72	82,111.72	82,111.72	-
American Telephone and Telegraph	266,476.00	American Telephone and Telegraph	266,476.00	266,476.00	266,476.00	(0.00)
Apt, Peter M.	3,100.56	Apt, Peter M.	3,100.56	3,100.56	3,100.56	-
Bailey, Sara	3,694.97	Bailey, Sara	3,694.97	3,694.97	3,694.97	-
Beckman, Lisa	2,882.00	Beckman, Lisa	2,882.00	2,882.00	2,882.00	-
Beckmann, Lisa	4,434.00	Beckmann, Lisa	4,434.00	4,434.00	4,434.00	-
Bogini, Samuel	3,268.42	Bogini, Samuel	3,268.42	3,268.42	3,268.42	-
Brown, Casey	3,381.69	Brown, Casey	3,381.69	3,381.69	3,381.69	-
Building Management Inc.	589,936.24	Building Management Inc.	589,936.24	589,936.24	589,936.24	0.00
CDS, Inc	1,806.61	CDS, Inc	1,806.61	1,806.61	1,806.61	-
Consolidated Supplies	34,944.60	Consolidated Supplies	34,944.60	34,944.60	34,944.60	-
Eastern Industrial Products	496,496.00	Eastern Industrial Products	496,496.00	496,496.00	496,496.00	-
Erickson, Barry	4,046.06	Erickson, Barry	4,046.06	4,046.06	4,046.06	-
General Electric	62,809.56	General Electric	62,809.56	62,809.56	62,809.56	-
Goldman, Pamela	3,199.00	Goldman, Pamela	3,199.00	3,199.00	3,199.00	-
Katzberg, Susan	3,568.54	Katzberg, Susan	3,568.54	3,568.54	3,568.54	-
Lang, Inga R	3,762.99	Lang, Inga R	3,762.99	3,762.99	3,762.99	-
Lewis, David	9,967.00	Lewis, David	9,967.00	9,967.00	9,967.00	-
Marsh, Chris	3,466.86	Marsh, Chris	3,466.86	3,466.86	3,466.86	-
McGwire, Patrick	4,255.91	McGwire, Patrick	4,255.91	4,255.91	4,255.91	-
Office Supplies, Inc.	113,766.60	Office Supplies, Inc.	113,766.60	113,766.60	113,766.60	0.00
Sole, Samuel	1,670.42	Sole, Samuel	1,670.42	1,670.42	1,670.42	-
Staples	487,916.05	Staples	487,916.05	487,916.05	487,916.05	-
Star Gate Ltd	27,645.80	Star Gate Ltd	27,645.80	27,645.80	27,645.80	-

PivotTable Fields

Show fields: (All)

Search

- APG0_SLA_INVOICE_DIST
- GLG0_BALANCES
- GLG0_JOURNAL_ENTRY_LINES
- XLAG0_SLA_HUB_JOURNAL_LINES
- APG0_SLA_INVOICE_DIST
- GLG0_BALANCES
- GLG0_JOURNAL_ENTRY_LINES
- XLAG0_SLA_HUB_JOURNAL_LINES

Drag fields between areas below:

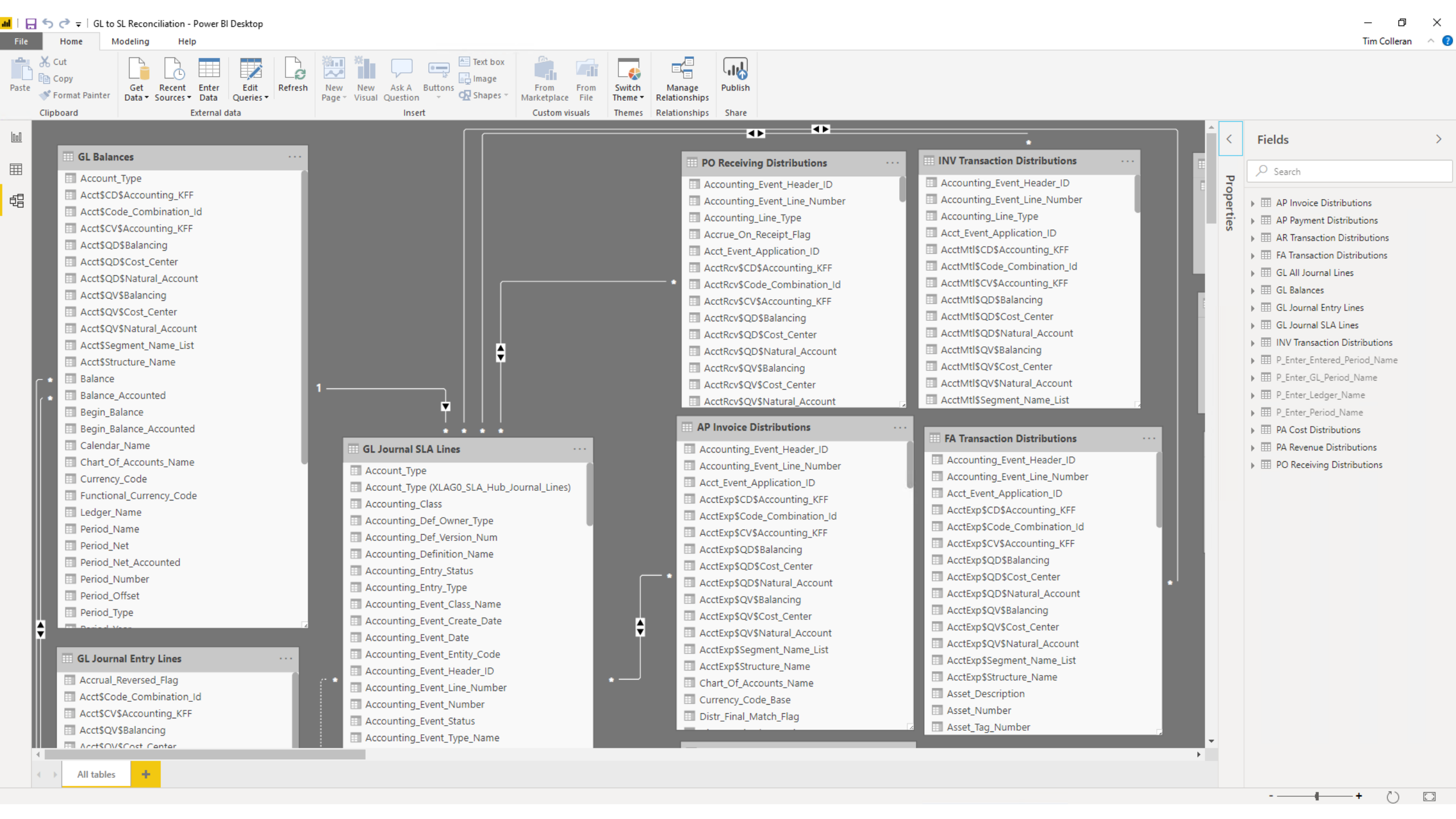
Filters: ACCTEXPQVBALA... | GL_PERIOD_NAME

Columns

Rows: SUPPLIER_NAME | INVOICE_NUMBER

Values: Total Distr Amount

Defer Layout Update | Update


GL to SL Reconciliation - Power BI Desktop
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Edit Queries
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External data
New Page
New Visual
Ask A Question
Buttons
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Balance_Accounted
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Currency_Code
Functional_Currency_Code
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Period_Net
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Period_Number
Period_Offset
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Accounting_Entry_Status
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Accounting_Event_Create_Date
Accounting_Event_Date
Accounting_Event_Entity_Code
Accounting_Event_Header_ID
Accounting_Event_Line_Number
Accounting_Event_Number
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PO Receiving Distributions
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AcctRcvQVCost_Center
AcctRcvQVNatural_Account
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AP Invoice Distributions
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Chart_Of_Accounts_Name
Currency_Code_Base
Distr_Final_Match_Flag
FA Transaction Distributions
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AP Payment Distributions
AR Transaction Distributions
FA Transaction Distributions
GL All Journal Lines
GL Balances
GL Journal Entry Lines
GL Journal SLA Lines
INV Transaction Distributions
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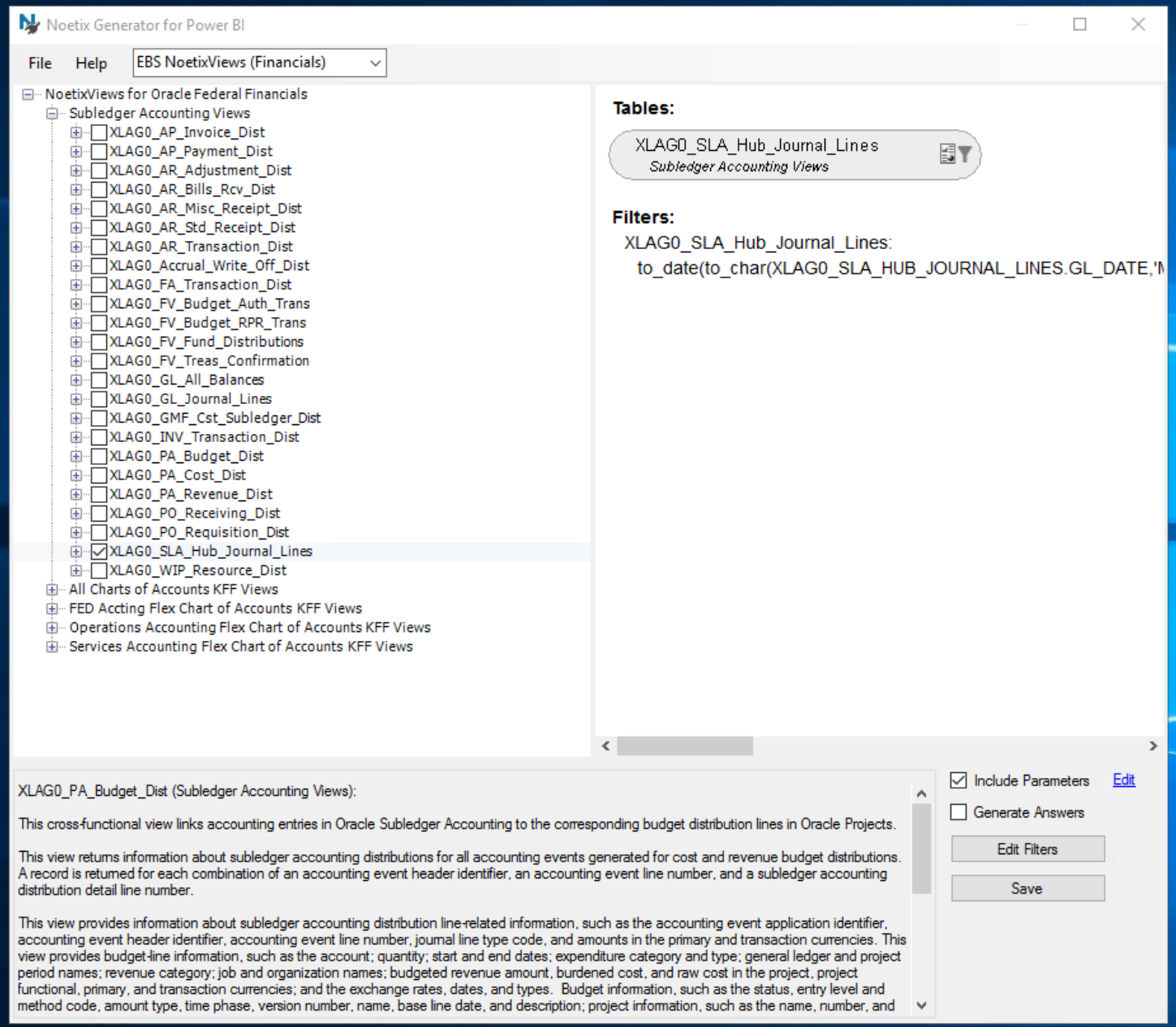
P_Enter_GL_Period_Name
P_Enter_Ledger_Name
P_Enter_Period_Name
PA Cost Distributions
PA Revenue Distributions
PO Receiving Distributions


Noetix Generator for Power BI
File
Help
EBS NoetixViews (Financials)
NoetixViews for Oracle Federal Financials
Subledger Accounting Views
XLAG0_AP_Invoice_Dist
XLAG0_AP_Payment_Dist
XLAG0_AR_Adjustment_Dist
XLAG0_AR_Bills_Rcv_Dist
XLAG0_AR_Misc_Receipt_Dist
XLAG0_AR_Std_Receipt_Dist
XLAG0_AR_Transaction_Dist
XLAG0_Accrual_Write_Off_Dist
XLAG0_FA_Transaction_Dist
XLAG0_FV_Budget_Auth_Trans
XLAG0_FV_Budget_RPR_Trans
XLAG0_FV_Fund_Distributions
XLAG0_FV_Treas_Confirmation
XLAG0_GL_All_Balances
XLAG0_GL_Journal_Lines
XLAG0_GMF_Cst_Subledger_Dist
XLAG0_INV_Transaction_Dist
XLAG0_PA_Budget_Dist
XLAG0_PA_Cost_Dist
XLAG0_PA_Revenue_Dist
XLAG0_PO_Receiving_Dist
XLAG0_PO_Requisition_Dist
XLAG0_SLA_Hub_Journal_Lines
XLAG0_WIP_Resource_Dist
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Operations Accounting Flex Chart of Accounts KFF Views
Services Accounting Flex Chart of Accounts KFF Views
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Subledger Accounting Views
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XLAG0_PA_Budget_Dist (Subledger Accounting Views):
This cross-functional view links accounting entries in Oracle Subledger Accounting to the corresponding budget distribution lines in Oracle Projects.
This view returns information about subledger accounting distributions for all accounting events generated for cost and revenue budget distributions. A record is returned for each combination of an accounting event header identifier, an accounting event line number, and a subledger accounting distribution detail line number.
This view provides information about subledger accounting distribution line-related information, such as the accounting event application identifier, accounting event header identifier, accounting event line number, journal line type code, and amounts in the primary and transaction currencies. This view provides budget-line information, such as the account; quantity; start and end dates; expenditure category and type; general ledger and project period names; revenue category; job and organization names; budgeted revenue amount, burdened cost, and raw cost in the project, project functional, primary, and transaction currencies; and the exchange rates, dates, and types. Budget information, such as the status, entry level and method code, amount type, time phase, version number, name, base line date, and description; project information, such as the name, number, and
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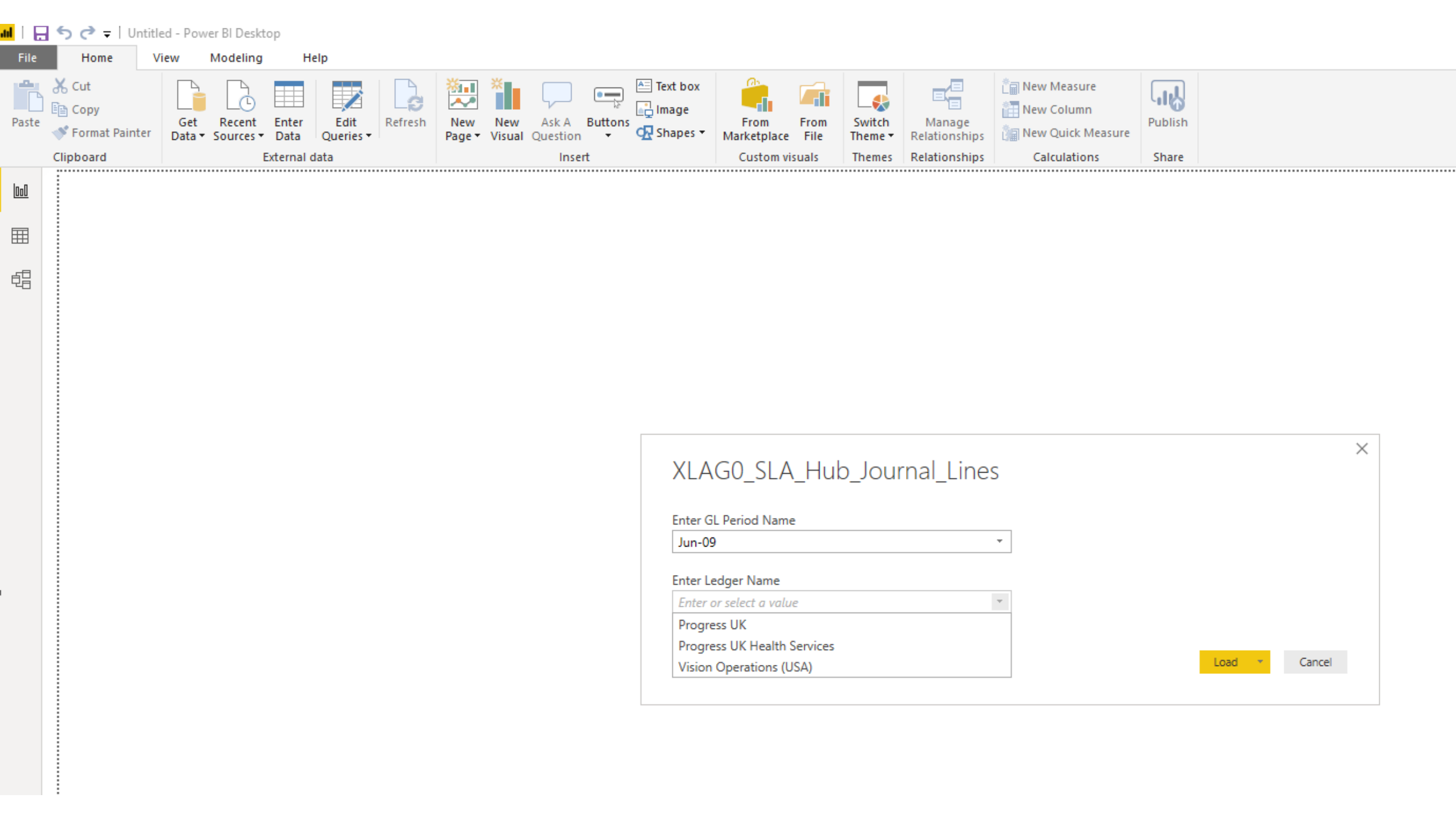
Untitled - Power BI Desktop
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Vision Operations (USA)
Load
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Demonstration

Use Case: Reporting on key HR metrics from OCA-HCM in Power BI

Role: Business User

System: Noetix Cloud Analytics Power BI Generator, OCA Extraction Utility

Key Takeaways

- Embedded utility for extracting data from OCA and synchronizing updates with a central, integrated platform for near real-time data retrieval
- Pre-built, extendible NoetixViews for OCA-HCM
- Simple generation of reports into Power BI

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Data Movement [OCA –> Database] – Process

Configure data extracts → Generate tables in target database → Synchronize data

- ❖ Use BI Cloud Connector/ESS Web service
- ❖ Search for appropriate PVOs
- ❖ Check required columns for PVO
- ❖ Enable incremental data extract

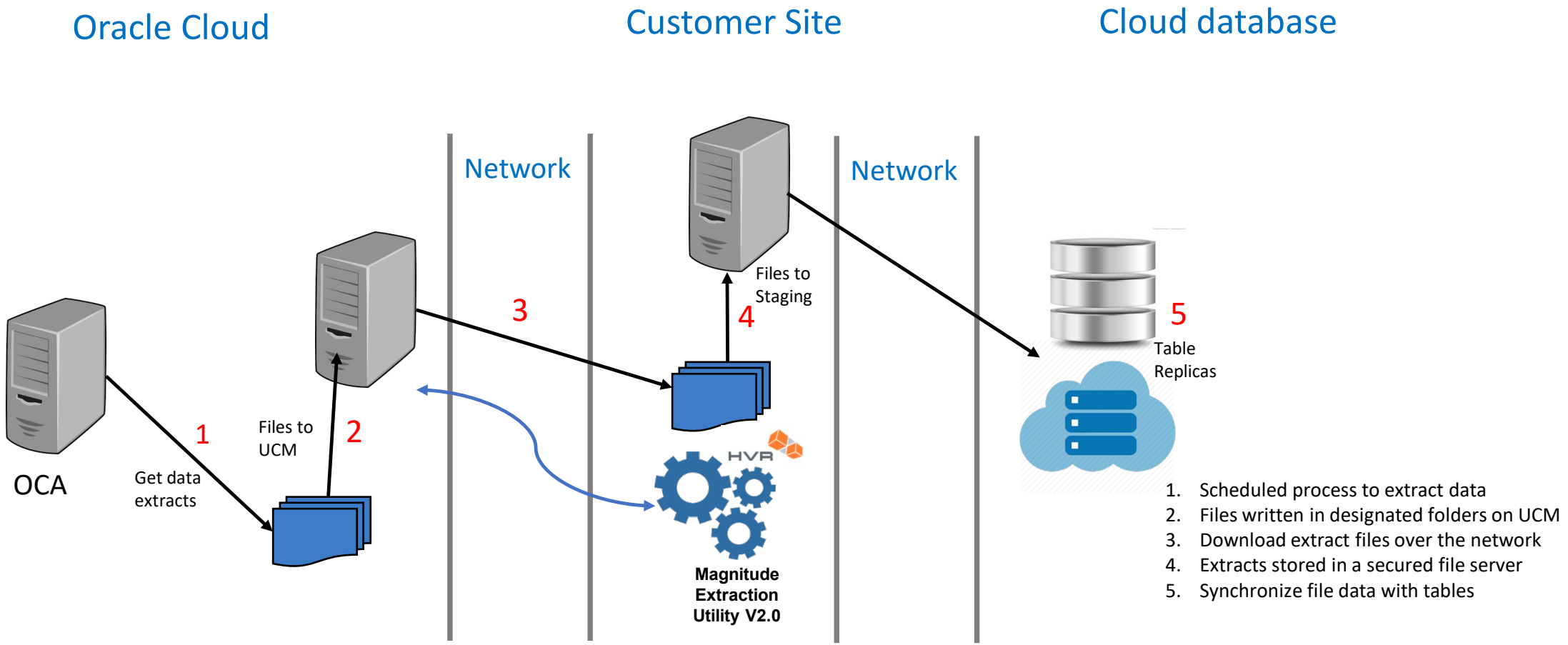
- ❖ Read PVO metadata
- ❖ Generate table scripts
- ❖ Create tables [Azure SQL db]

- ❖ Initial Load
- ❖ Configure file to table replication
- ❖ Enable Change data Capture

Automation

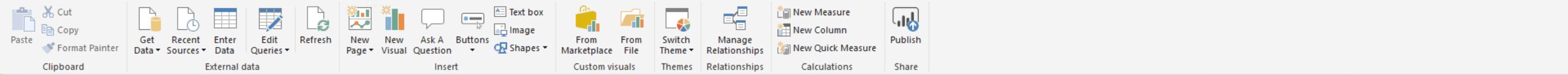
NOETIX BY MAGNITUDE

Data Movement [OCA -> Database] – Topology



1. Scheduled process to extract data
2. Files written in designated folders on UCM
3. Download extract files over the network
4. Extracts stored in a secured file server
5. Synchronize file data with tables

NOETIX BY MAGNITUDE



HR Metrics

1,906
HeadCount

Current Headcount by Business Unit

Business Unit Name	Headcount	Position Headcount
Algeria Business Unit	9.00	
Argentina Business Unit	4.00	
Australia Business Unit	28.00	
Austria Business Unit	9.00	
Bahrain Business Unit	7.00	
Belgium Business Unit	26.00	
Canada Business Unit	59.00	
Chile Business Unit	10.00	
China Business Unit	67.00	2.00
Colombia Business Unit	9.00	
Total	**1,906.00**	**1,088.00**

Total Headcount this year

1,906
Headcount

Total Headcount last year

1,874
Headcount

Involuntary leavers in the last year

1
Involuntary leavers

Voluntary leavers in the last year

8
Voluntary leavers

Headcount as at 1 year ago by Business Unit

Business Unit Name	Headcount	Position Headcount
Algeria Business Unit	9.00	
Argentina Business Unit	4.00	
Australia Business Unit	28.00	
Austria Business Unit	9.00	
Bahrain Business Unit	7.00	
Belgium Business Unit	26.00	
Canada Business Unit	59.00	
Chile Business Unit	9.00	
China Business Unit	67.00	2.00
Colombia Business Unit	9.00	
Total	**1,874.00**	**1,076.00**

Position Budget Headcount Variance by Business Unit

Business Unit Name	Headcount	Position Headcount	Headcount Variance
Algeria Business Unit	9.00		-9.00
Argentina Business Unit	4.00		-4.00
Australia Business Unit	28.00		-28.00
Austria Business Unit	9.00		-9.00
Bahrain Business Unit	7.00		-7.00
Belgium Business Unit	26.00		-26.00
Canada Business Unit	59.00		-59.00
Chile Business Unit	10.00		-10.00
China Business Unit	67.00	2.00	-65.00
Colombia Business Unit	9.00		-9.00
Total	**1,906.00**	**1,088.00**	**-818.00**

Position Budget Headcount Varia...

Headcount	Position Headcount	Headcount Variance
1,906.00	1,088.00	-818.00

Visualizations

Values
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Filters
Page level filters
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Report level filters
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ASSIGNMENT_STATU is (All)
ASSIGNMENT_TYPE is (All)
BUSINESS_UNIT_NAI is (All)
COUNTRY is (All)
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EFFECTIVE_DATE is (All)
HR_REASON is (All)
LEGAL_ENTITY_NAM is (All)
LOCATION_CODE is (All)
PERSON_TYPE

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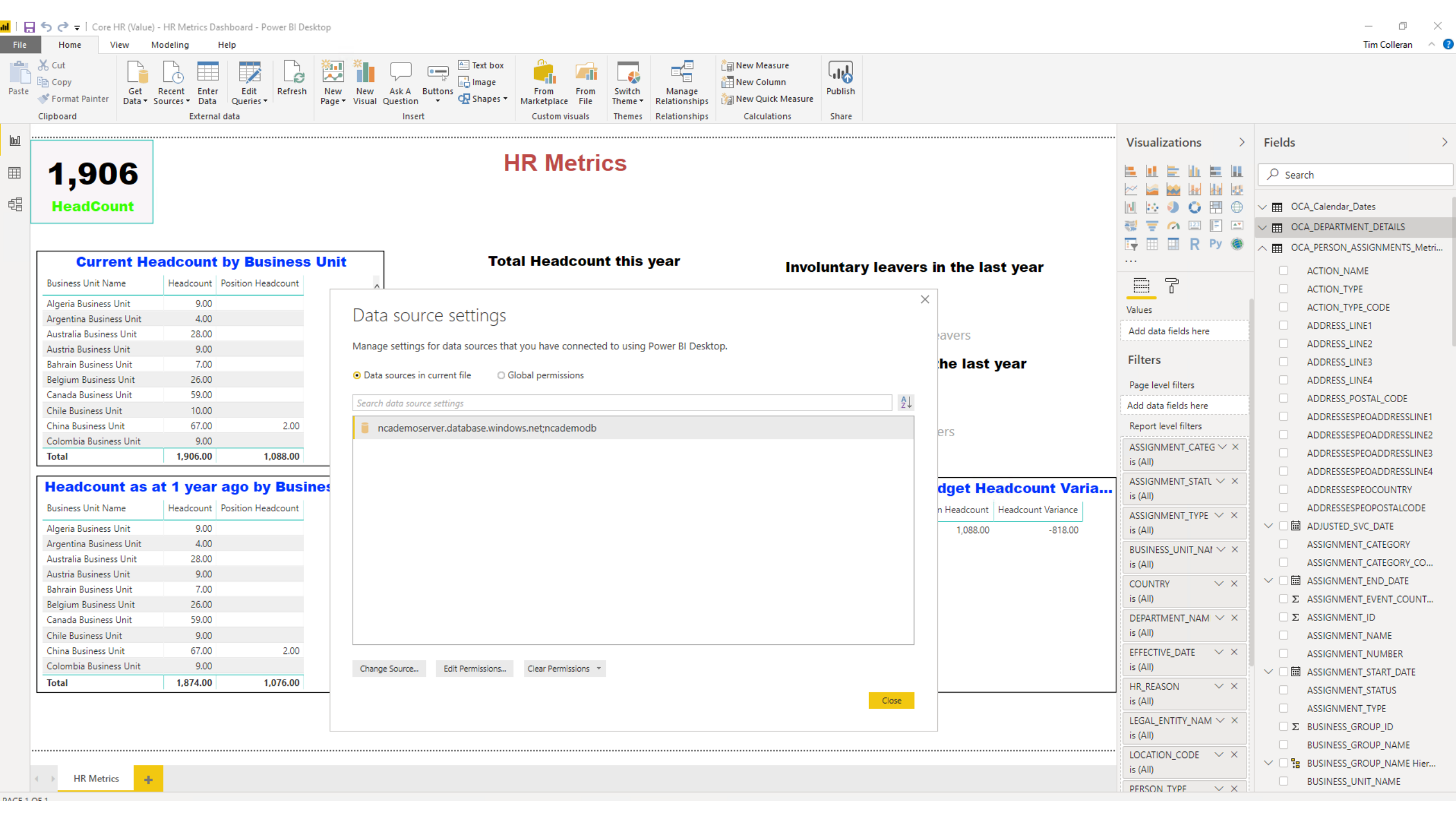
Core HR (Value) - HR Metrics Dashboard - Power BI Desktop
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1,906
HeadCount
HR Metrics
Current Headcount by Business Unit
Business Unit Name | Headcount | Position Headcount
Algeria Business Unit 9.00
Argentina Business Unit 4.00
Australia Business Unit 28.00
Austria Business Unit 9.00
Bahrain Business Unit 7.00
Belgium Business Unit 26.00
Canada Business Unit 59.00
Chile Business Unit 10.00
China Business Unit 67.00 2.00
Colombia Business Unit 9.00
Total 1,906.00 1,088.00
Total Headcount this year
Involuntary leavers in the last year
Headcount as at 1 year ago by Busines
Business Unit Name | Headcount | Position Headcount
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Bahrain Business Unit 7.00
Belgium Business Unit 26.00
Canada Business Unit 59.00
Chile Business Unit 9.00
China Business Unit 67.00 2.00
Colombia Business Unit 9.00
Total 1,874.00 1,076.00
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Data source settings
Manage settings for data sources that you have connected to using Power BI Desktop.
Data sources in current file
Global permissions
Search data source settings
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Change Source...
Edit Permissions...
Clear Permissions
Close
HR Metrics
Visualizations
Values
Add data fields here
Filters
Page level filters
Add data fields here
Report level filters
ASSIGNMENT_CATEG is (All)
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LEGAL_ENTITY_NAM is (All)
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OCA_PERSON_ASSIGNMENTS_Metri...
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ASSIGNMENT_ID
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ASSIGNMENT_NUMBER
ASSIGNMENT_START_DATE
ASSIGNMENT_STATUS
ASSIGNMENT_TYPE
BUSINESS_GROUP_ID
BUSINESS_GROUP_NAME
BUSINESS_GROUP_NAME Hier...
BUSINESS_UNIT_NAME
PAGE 1 OF 1

Core HR (Value) - Team Diversity - Power BI Desktop

File Home View Modeling Help

Tim Colleran

Paste Cut Copy Format Painter — Clipboard

Get Data Recent Sources Enter Data Edit Queries Refresh — External data

New Page New Visual Ask A Question Buttons Text box Image Shapes — Insert

From Marketplace From File — Custom visuals

Switch Theme — Themes

Manage Relationships — Relationships

New Measure New Column New Quick Measure — Calculations

Publish — Share

HR Metrics

1,739
HeadCount

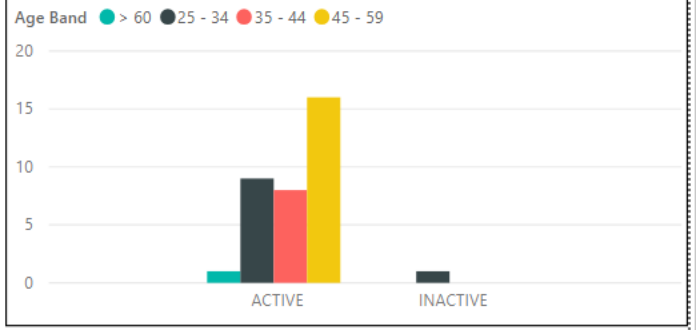
1445	140	333	0
Hires	Terminations	Promotions	Rehires

Span Of Control

Manager Name	Span of Control	Department Name
Zimmern, Alex	3.00	Food & Commercial Department
Zhang, Mei	3.00	Accounting CN
Zhang, Mei	1.00	Ledger CN
Zhang, Mei	1.00	Payables CN
Zhang, Mei	1.00	Receivables CN
Zetticci, Irene	8.00	Human Resources IT
Zawadzki, Dariusz	10.00	Remuneration PL
Yoshida, Asuka	1.00	Intensive Care HC US
Yeung, Khim	1.00	Recruitment SG
Total	**1,739.00**	

45.40	0.46
Average age	Average tenure
668	181.13
Managers	EmpToCWK_Ratio

Team Diversity by Assignment Status



Team Diversity by BU

Business Unit Name	Age Band	Headcount
US1 Business Unit	> 60	1.00
Belgium Business Unit	25 - 34	1.00
Denmark Business Unit	25 - 34	1.00
Fin Svcs US Business Unit	25 - 34	1.00
Finland Business Unit	25 - 34	1.00
France Business Unit	25 - 34	1.00
Italy Business Unit	25 - 34	1.00
UK Business Unit	25 - 34	2.00
US1 Business Unit	25 - 34	2.00
France Business Unit	35 - 44	1.00
Healthcare US Business Unit	35 - 44	1.00
Netherlands Business Unit	35 - 44	1.00
Spain Business Unit	35 - 44	1.00
Sweden Business Unit	35 - 44	1.00
Switzerland Business Unit	35 - 44	1.00
Total		**35.00**

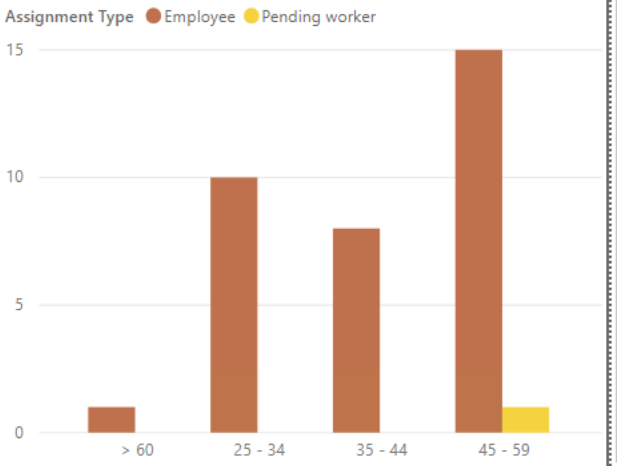
Team Diversity by Dept

Department	Age Band	Headcount
Accounting US	25 - 34	3.00
Accounting US	35 - 44	1.00
Accounting US	45 - 59	1.00
Applications and Services	> 60	1.00
Applications and Services	25 - 34	7.00
Applications and Services	35 - 44	7.00
Applications and Services	45 - 59	15.00
Total		**35.00**

Team Diversity by Job

Job	Age Band	Headcount
Manager	> 60	1.00
Asset Manager	25 - 34	1.00
Clerk	25 - 34	2.00
Lead Project Specialist	25 - 34	5.00
Project Specialist	25 - 34	2.00
Account Executive	35 - 44	1.00
Cost Accountant	35 - 44	1.00
Lead Project Specialist	35 - 44	4.00
Manager	35 - 44	1.00
Program Director	35 - 44	1.00
Accountant	45 - 59	1.00
Accounting Clerk	45 - 59	1.00
Human Resources Specialist	45 - 59	1.00
Lead Project Specialist	45 - 59	1.00
Manager	45 - 59	1.00
Total		**35.00**

Team Diversity by Assignment type



Visualizations

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Filters
Page level filters
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Report level filters
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ASSIGNMENT_STATU is (All)
ASSIGNMENT_TYPE is (All)
BUSINESS_UNIT_NAI is (All)
COUNTRY is (All)
DEPARTMENT_NAM is (All)
EFFECTIVE_DATE is (All)
HR_REASON is (All)
LEGAL_ENTITY_NAM is (All)
LOCATION_CODE is (All)
PERSON_TYPE

Fields
Search
OCA_Calendar_Dates
OCA_DEPARTMENT...
OCA_PERSON_ASSI...

Team Diversity

PAGE 1 OF 1

HR Dashboard - Diversity

1,739
HeadCount

1445
Hires

333
Promotions

Joiners last year

Male		
24	48.00%	2,018.00
Female		
21	42.00%	2,018.00
(Blank)		
5	10.00%	2,018.00

Joiners this year

Female		
3	42.86%	2,019.00
Male		
3	42.86%	2,019.00
(Blank)		
1	14.29%	2,019.00

Headcount - All types

Male	
1,008.00	56.89%
Female	
689.00	42.56%
(Blank)	
42.00	0.55%

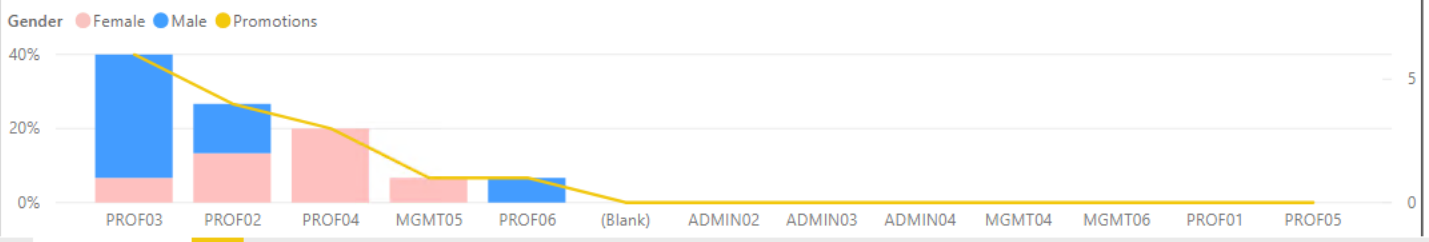
Leavers last year

Female		
4	42.00%	2,018.00
Male		
3	48.00%	2,018.00
(Blank)		
0	10.00%	2,018.00

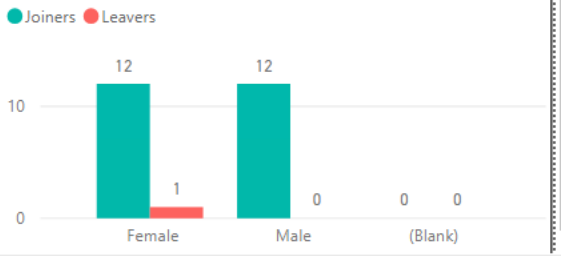
Leavers this year

Male		
1	42.86%	2,019.00
(Blank)		
0	14.29%	2,019.00
Female		
0	42.86%	2,019.00

Promotions by Grade and Gender



Joiners/Leavers M/F



Visualizations

Values
Add data fields here

Filters
Page level filters
Add data fields here
Report level filters
ASSIGNMENT_CATEG is (All)
ASSIGNMENT_STATU is (All)
ASSIGNMENT_TYPE is (All)
BUSINESS_UNIT_NAI is (All)
COUNTRY is (All)
DEPARTMENT_NAM is (All)
EFFECTIVE_DATE is (All)
HR_REASON is (All)
LEGAL_ENTITY_NAM is (All)
LOCATION_CODE is (All)

Fields
Search
OCA_Calendar_Dates
OCA_DEPARTMENT...
OCA_PERSON_ASSI...

HR Dashboard

PAGE 1 OF 1

Demonstration

Use Case: Analyzing relational data across multiple sources, deployments

Role: Analyst / SME

System: Noetix Cloud Analytics View Editor

Key Takeaways

- Integrated platform to allow combined reporting across various sources regardless of deployment
- Pre-built, extendible NoetixViews for other applications
- View Editor allows creation of new views or modification of pre-built views to meet unique business requirements

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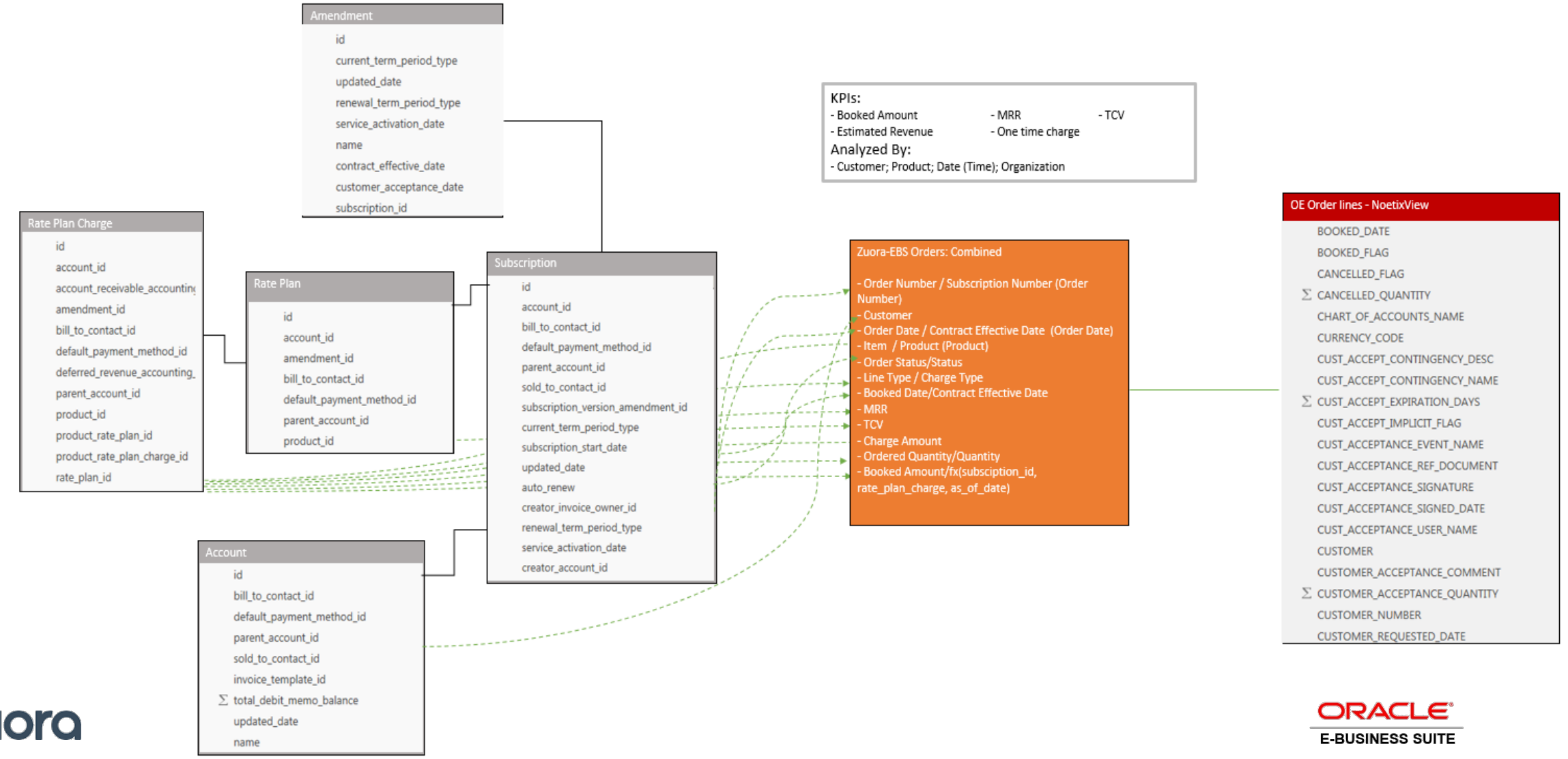
Zuora – Oracle EBS Reporting



zuora

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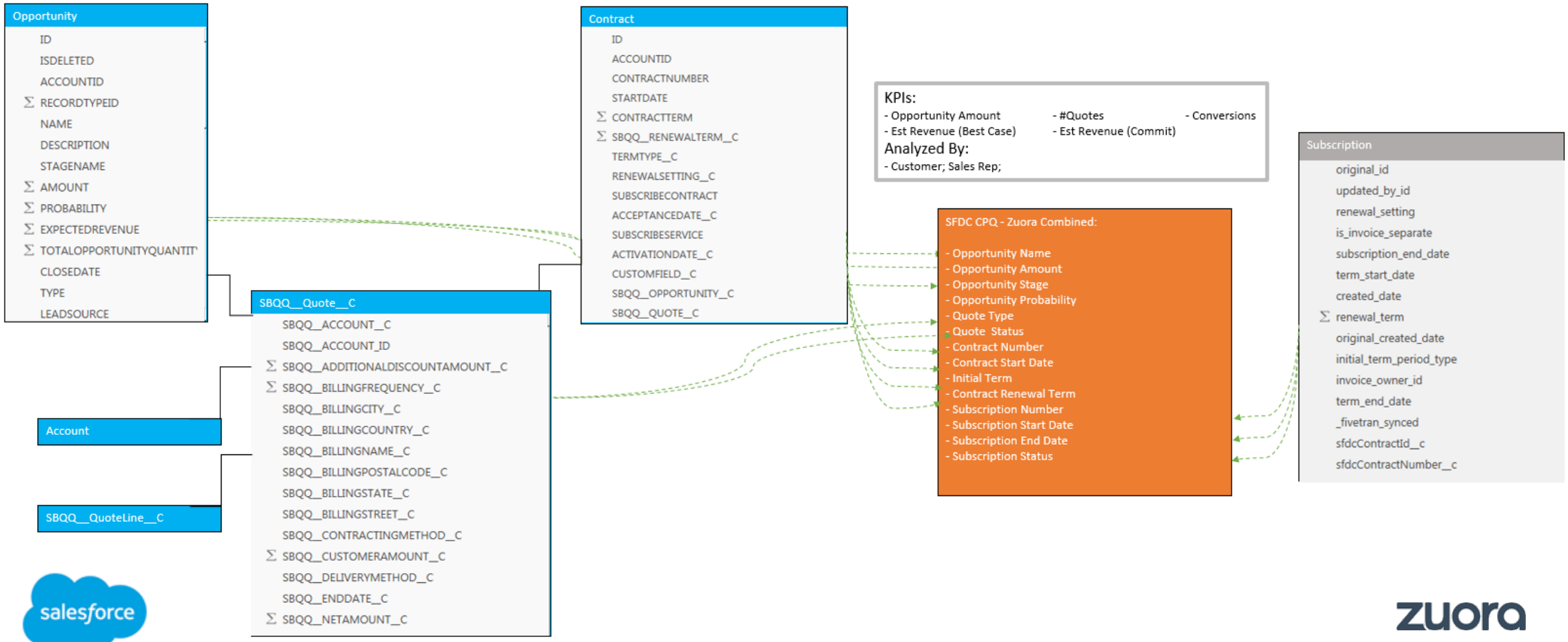
ORACLE E-BUSINESS SUITE

Salesforce - Zuora



salesforce

CPQ

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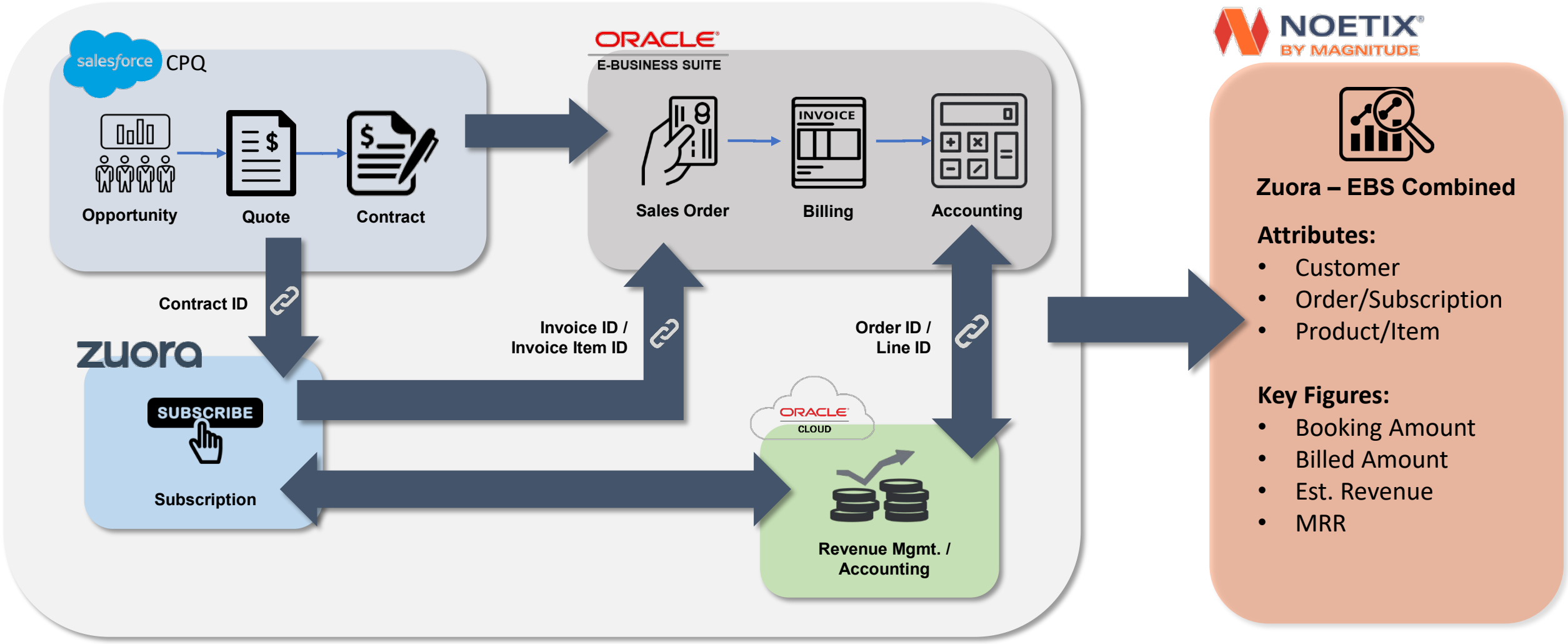
zuora

Combined Reporting



EBS-Zuora Order Booking Summary - Power BI Desktop

File Home View Modeling Help

Tim Colleran

Cut Copy Format Painter Paste — Clipboard

Get Data Recent Sources Enter Data Edit Queries Refresh — External data

New Page New Visual Ask A Question Buttons Text box Image Shapes — Insert

From Marketplace From File — Custom visuals

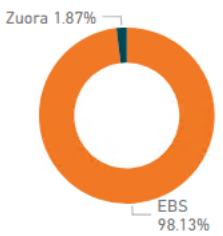
Switch Theme — Themes

Manage Relationships — Relationships

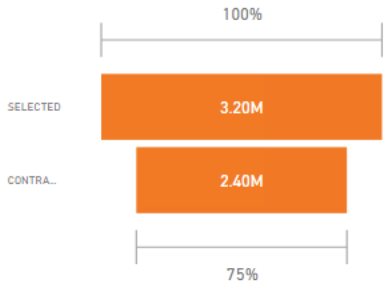
New Measure New Column New Quick Measure — Calculations

Publish — Share

Perp vs Sub



Pre-Bookings



Revenue Build-Up

$252,587
Billing Amount QTD

$19,167
MRR QTD

$894,767
Est Revenue QTD

$423,344
Est Revenue (Pre-Bookings)

$1,283,656
Revenue Outlook Quarter

QTD Bookings

$0.89M!
Goal: $1.02M (-12.62%)

YTD Order Holds

56!
Goal: 50 (-12%)

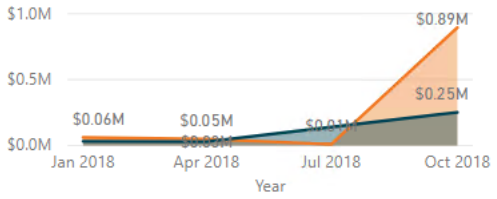
YTD Book-To-Bill %

2.3✓
Goal: 1.0 (+134.27%)

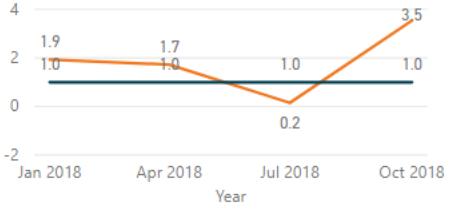
Bookings QoQ% Change

692.4%

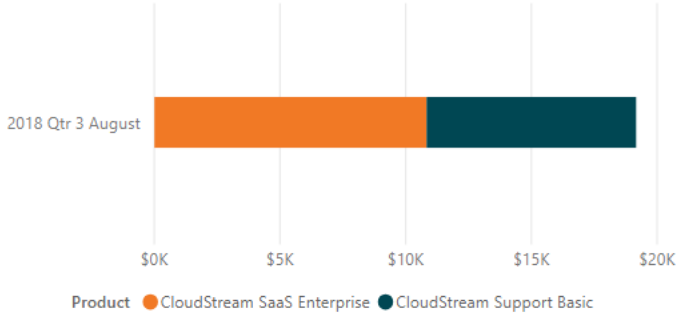
Bookings vs Billings Trend



Book-To-Bill % Trend



MRR by Product, Time



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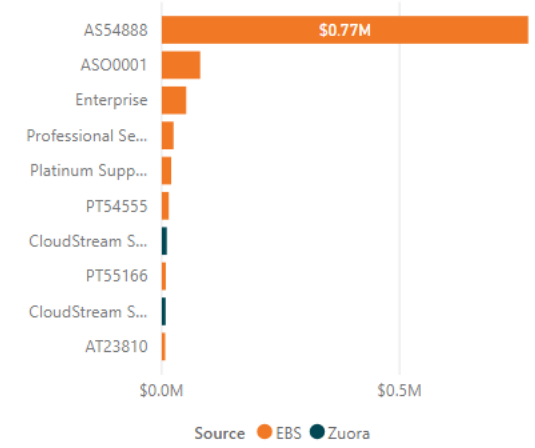
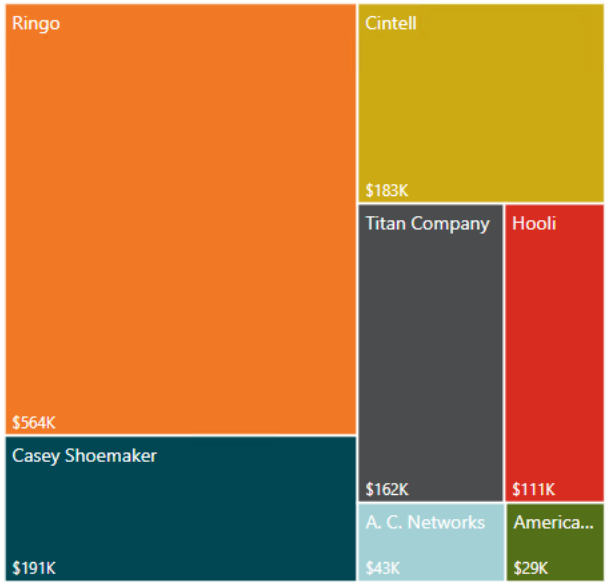
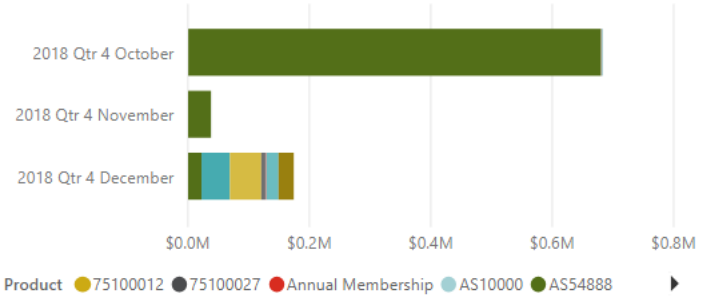
Top 10 Products by Booking Amount, Source



Revenue Outlook Quarter by Customer



Estimated Revenue Product, Time



Visualizations

Values
Add data fields here

Filters

Page level filters
Add data fields here

Report level filters
Customer is (All)
Ordered Date is (All)
Product is (All)
Source is (All)
Status is (All)
Warehouse is (All)

Drillthrough

Cross-report
Off

Keep all filters
On

Add drillthrough fields here

Fields

Search

EBS-Invoices
EBS-Orders
SFDC-Opportunities
Zuora-EBS Combined
Zuora-Subscriptions

Zuora-EBS Combined Summary | Salesforce Oppty Detail | Combined Order Detail | EBS Order Detail | Zuora Subscription Detail | Invoice Detail

PAGE 1 OF 6

Customer Stories - Designer and Manufacturer of Modern Furniture

- Publicly traded based out of eastern PA
- $1.16 billion market cap with $1.3 billion in annual sales
- Growing 15% annually
- 2 major acquisition in the last 3 years
- New Noetix customer in 2018

- Challenges to Overcome
  - Many different ERP and legacy systems used to manage all aspects of the business
    - JD Edwards
    - EBS environments (2)
    - Salesforce
    - Oracle Sales Cloud
    - Concur (Employee Expense)
    - Ceridian (HCM)
    - Other legacy systems and home grown MS Access databases
  - Wanted to move away from Oracle Discoverer to Tableau with data from all source systems being available through Amazon RedShift
  - Reporting transformation project
- How Noetix Helped: Centralized Reporting from all Source Applications within Tableau
  - Data replication into RS with real-time NoetixViews for EBS and JDE
  - Noetix Analytics for strategic analysis and trending across multiple sources including Salesforce, Oracle Cloud, and Concur
  - Conversion of Discoverer reports into Tableau
  - Compatibility of Noetix Generator for Tableau with RS

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Customer Stories - Sporting Goods Manufacturer

- Privately-owned based out of Southern CA
- Incorporated in 1979
- Recently acquired in 2017 for $425 million
- Trusted brand in its industry by many professional athletes
- Noetix Customer Since 2002

- Current user of EBS Analytics via Cognos
  - DB Updates were slow
  - Reporting was slow
  - Needed near real-time content (daily updates currently)

- How Noetix Helped
  - Moved EBS data to Autonomous Data Warehouse on Oracle Cloud
  - Tuned Informatica ETL leading to a 10X reduction in update/refresh times
  - Update/refresh cycle reduced from daily to hourly (with some @ 15 minute intervals)
  - Report performance improved 5-40X

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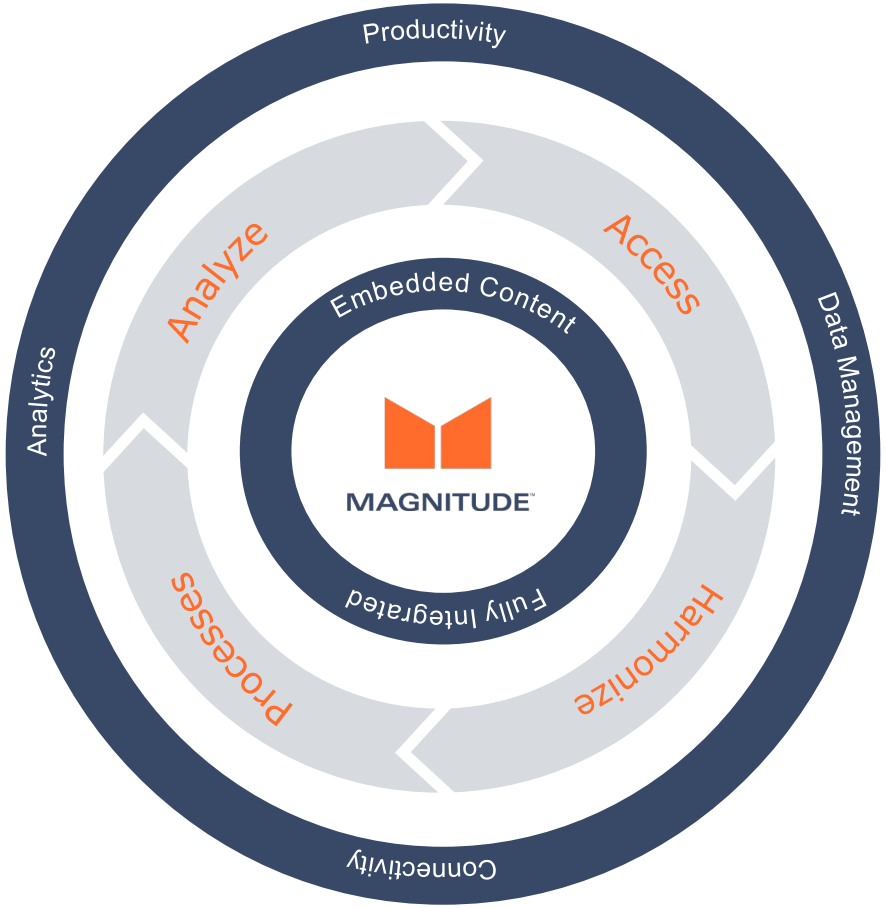
What is Noetix Today? - Summary

- Operational Reporting and Analytical Intelligence
- Full Integration Capabilities
- Leverage Your BI Tool Investment
- Fully Documented
- Low Risk, High ROI with Quick Implementation



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