

Intelligent Accounts Payable Management & Analysis

Agenda

AGENDA

- 1 Accounts Payable Overview
- 2 CDS View Introduction
- 3 Datasphere Overview
- 4 Datasphere Modelling
- 5 SAC Dashboard
- 6 SAC Dashboard

Accounts Payable Overview



Extract data as CDS views from SAP S/4HANA.



Transform and model data in Datasphere for consistency.



Create interactive stories in SAC for insightful analysis

Accounts Payable Displays key performance indicators (KPIs) and information for different suppliers, including transaction count, transaction amounts, On time payment rate, Top Payment method etc.

- Tracks the status of transactions, distinguishing between open and cleared transactions.
- Provides detailed information on outstanding payables, helping to understand the company's current liabilities.
- Offers insights into payment patterns and relationships with suppliers, aiding in strategic decision-making.
- Highlights suppliers with the highest transaction volumes, allowing for focused management and potential negotiation opportunities.

Key Performance Indicator

- Total Invoice Count
- Total Cleared Bills
- On-Time Payment Rate
- Accounts Payable Aging
- Invoice Processing Time
- Top Payment Method
- Invoice Status Distribution
- Open Invoice per Year
- Annual Invoice History
- Top Suppliers by Highest Invoice
- On-time payment supplier count
- Rating per supplier
- Open Invoice Details

CDS View Introduction

ABAP Core Data Services, is an infrastructure for defining and consuming semantically rich data models in ABAP. They use a CDS DDL to define CDS entities that implement a semantic data model.

Found some CDS view from api.sap.com site

Key Performance Indicator
Total Invoice Count
Total Cleared Bills
On-Time Payment Rate
Accounts Payable Aging
Invoice Processing Time
Top Payment Method
Invoice Status Distribution
Open Invoice per Year
Annual Invoice History
Top Suppliers by Highest Invoice
On-time payment supplier count
Rating per supplier
Open Invoice Details



CDS View
I_GLAccountLineItemRawData
I_Supplier
I_BusTransactionCategoryText
I_SupplierCompany

CDS View Introduction

We can see CDS view data on eclipsed or we can create CDS view on eclipsed.

The screenshot shows the Eclipse IDE with the source code of a CDS view. The code defines a view with various annotations and a data source. The view is named 'GLACCOUNTLINEITEMRAWDATA' and is located in the package 'FINS.BU.BOD - APPL.FIN.PIL -> APPL.FIN -> APPL'. The code includes annotations for 'supplier.comparefilter', 'preserved', 'buffering.status', and 'viewType'. It also defines a 'dataSource' and a 'view'.

```
18 supplier.comparefilter: true,
19 preserved: true,
20 buffering.status: NOT_ALLOWED ]
21
22 @VDM.viewType: #KATZ
23 @constantControl.authorizationCheck: #HIDE
24 @ObjectModel: { representativeKey: 'ledgerLineItem',
25                 usageType.category: #KATZ,
26                 usageType.dataClass: #FINANZACTIONAL,
27                 usageType.serviceQuality: #H,
28                 supportedCapabilities: { #EXTENSION_DATA_SOURCE },
29                 modelingPattern: #NONE }
30
31 @Analytics: {
32   subCategory: #HIDE,
33   internalName: #KATZ,
34   dataDefinition: {
35     enabled: true,
36     deltaChangeDataCapture: {
37       mapping: {
38         table: 'KDOCA',
39         role: #HIDE,
40         viewElement: ['SourceLedger', 'CompanyCode', 'FiscalYear', 'AccountingDocument', 'LedgerLineItem'],
41         tableElement: ['rider', 'rider', 'cider', 'Saldo', 'Saldo']
42       }
43     }
44   }
45 }
```

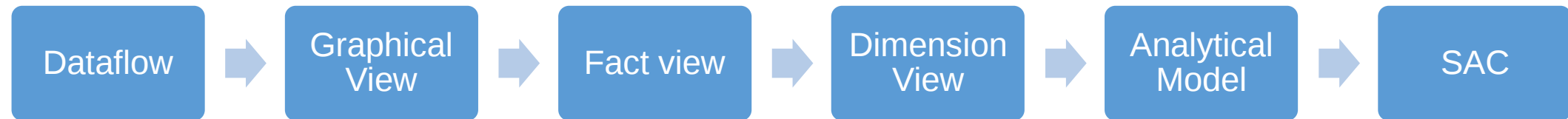
The Properties view on the right shows the following details:

- Package: FINS.BU.BOD - APPL.FIN.PIL -> APPL.FIN -> APPL
- Version: Active
- Description: Raw Data of GL Account Line Item
- Responsible: SAP
- Created on: February 6, 2019
- Last Changed by: SAP
- Last Changed on: May 4, 2024, 21:27 AM

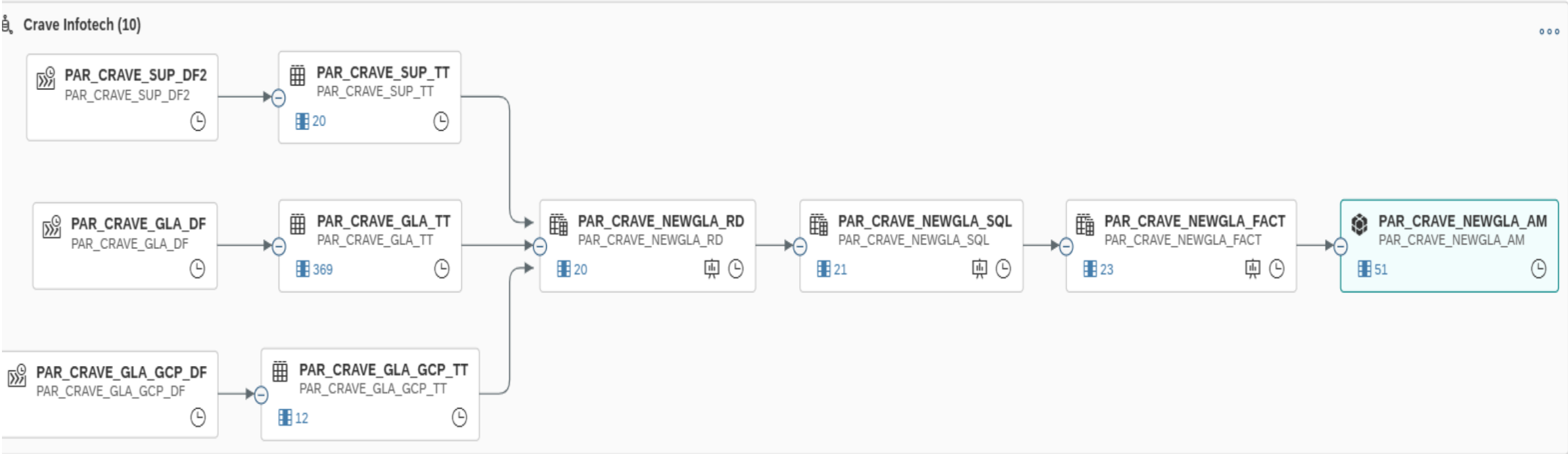
The screenshot shows the Eclipse IDE with the data preview of the CDS view. The data is displayed in a table with the following columns: SourceLedger, CompanyCode, FiscalYear, AccountingDocument, LedgerLineItem, LedgerPartner, GLAccountType, and ItemExtDataPCNumberExt. The table contains 100 rows of data, showing a range of values for each column.

SourceLedger	CompanyCode	FiscalYear	AccountingDocument	LedgerLineItem	LedgerPartner	GLAccountType	ItemExtDataPCNumberExt
Z1	CR01	2023	210000012	000001	2023	0	ZAB1
Z1	CR01	2023	210000012	000002	2023	0	ZAB1
Z1	CR01	2023	210000012	000003	2023	0	ZAB1
Z1	CR01	2023	210000012	000004	2023	0	ZAB1
Z1	CR01	2023	210000012	000005	2023	0	ZAB1
Z1	CR01	2023	210000012	000006	2023	0	ZAB1
Z1	CR01	2023	210000012	000008	2023	0	ZAB1
Z1	CR01	2023	210000012	000009	2023	0	ZAB1
Z1	CR01	2023	210000012	000010	2023	0	ZAB1
Z1	CR01	2023	210000012	000011	2023	0	ZAB1
Z1	CR01	2023	210000012	000012	2023	0	ZAB1
Z1	CR01	2023	210000012	000013	2023	0	ZAB1
Z1	CR01	2023	210000012	000014	2023	0	ZAB1
Z1	CR01	2023	210000012	000015	2023	0	ZAB1
Z1	CR01	2023	210000012	000016	2023	0	ZAB1
Z1	CR01	2023	210000012	000017	2023	0	ZAB1
Z1	CR01	2023	210000012	000018	2023	0	ZAB1

Datasphere Overview



Datasphere Modelling



SAC Dashboard



Total Invoice

20,137 (+10,603)

TI in 2024 - TI in 2023

Total Cleared Invoice

4,219 (-11,699)

Total Cleared Invoice - Open Invoice

On time Payment rate(%)

20.95

year

☒ All

☒ 2021

☒ 2022

☒ 2023

☒ 2024

Apply Selections

Company Name

☒ All

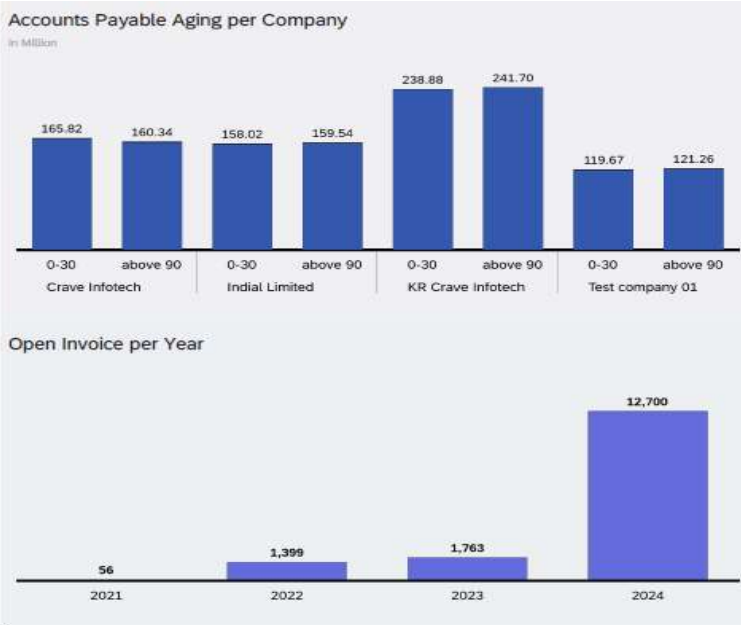
☒ Crave Infotech

☒ Indial Limited

☒ KR Crave Infotech

☒ Test company 01

Apply Selections



Open Invoice Details				
		Measures	AmountInBalanceTransacCrcy	Total Invoice
CompanyCodeName	SupplierFullName			Open Invoice
Crave Infotech	Company Bayberry pharmaceuticals/411037 Pune		13,095,103	74
	Company CR Software/411033 Pune		72,502,862	4,326
	Company CRV LIMITED/555769 Pune		16,608,195	83
	Company CRv_vender2/225566 Pune		13,076,593	88
	Company Dell Enterprices inc./396250 Pune		27,054,388	164
	Company EWM Party Entid Disp. for IND1/411001 Pune		13,789,159	77
	Company Fintech Limited/411057 Pune		15,901,003	88
	Company Internet Supplier/411052 Pune		32,662,849	2,039
	Company KR10-CIPLA Pharmaceuticals/400083 Mumbai		11,633,920	79
	Company Neustar Limited/396230 Uttarakhand		17,148,107	85

SAC Dashboard



year

☒ All

☒ 2021

☒ 2022

☒ 2023

☒ 2024

Apply Selections

Supplier Name

☒ All

☒ Company Bayberry pharmaceuticals/41103; Pune

☒ Company CR Software/411033 Pune

☒ Company CRV LIMITED/555769 Pune

☒ Company CRv_vender2/225566 Pune

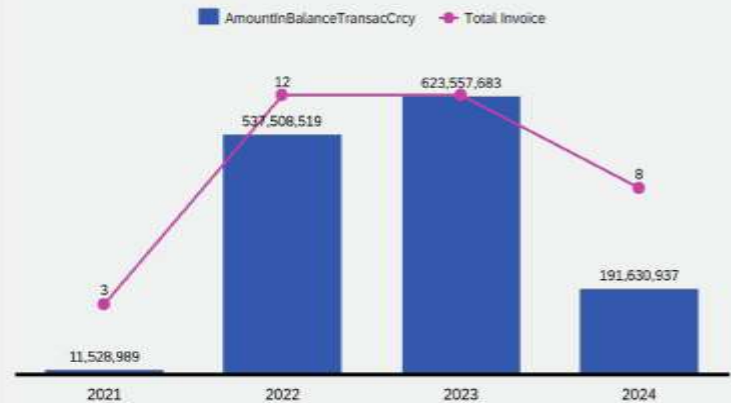
☒ Company Dell Enterprices inc./396250 Pune

☒ Company EWM Party Entld Disp. for IND1/411001 Pune

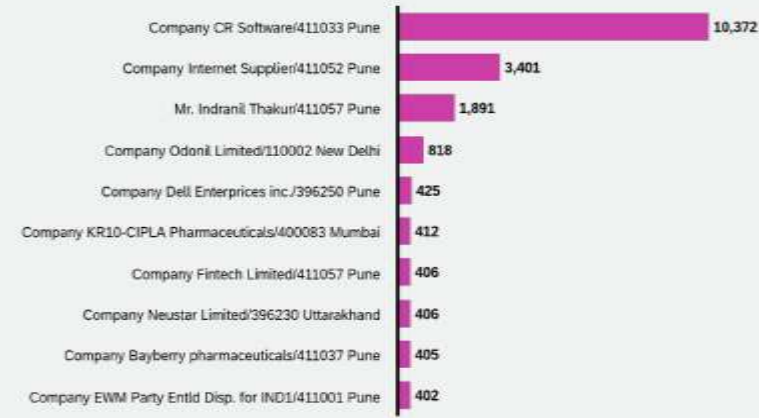
☒ Company Fintech Limited/411057 Pune

Apply Selections

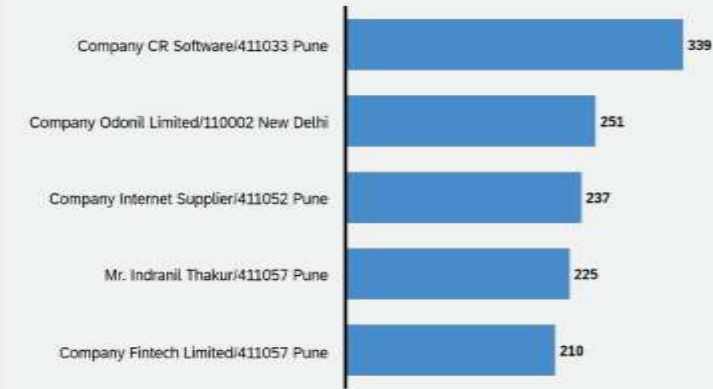
Annual Invoice History



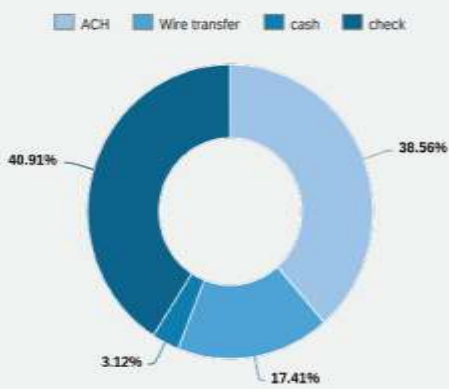
Top Suppliers by Highest Invoice



On Time Payment Supplier Count



Top Payment Method





LOCATION

USA:

15 Corporate Pl S #104, Piscataway, NJ 08854
contact@craveinfotech.com

India:

Software Technology Parks of India, Unit 2-A,
MIDC, Hinjewadi Rajiv Gandhi Infotech Park,
Phase 1, Pune, Maharashtra 411057



SEND US AN EMAIL

contact@craveinfotech.com



VISIT OUR WEBSITE

www.craveinfotech.com



CALL US

1-844-CRAVEIT(272-8348)