“Við erum að smíða flugvélina á meðan við fljúgum henni”

Sverrir Berg
12. Nóvember 2025

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Samþætting og miðlæg geymsla allra viðskiptagagna.

Útrýmir gagnasílóum og bætir gæðin.

Vöruhús gagna

Skilgreining réttra lykilmælikvarða.

Samræming mælaborða við markmið fyrirtækisins.

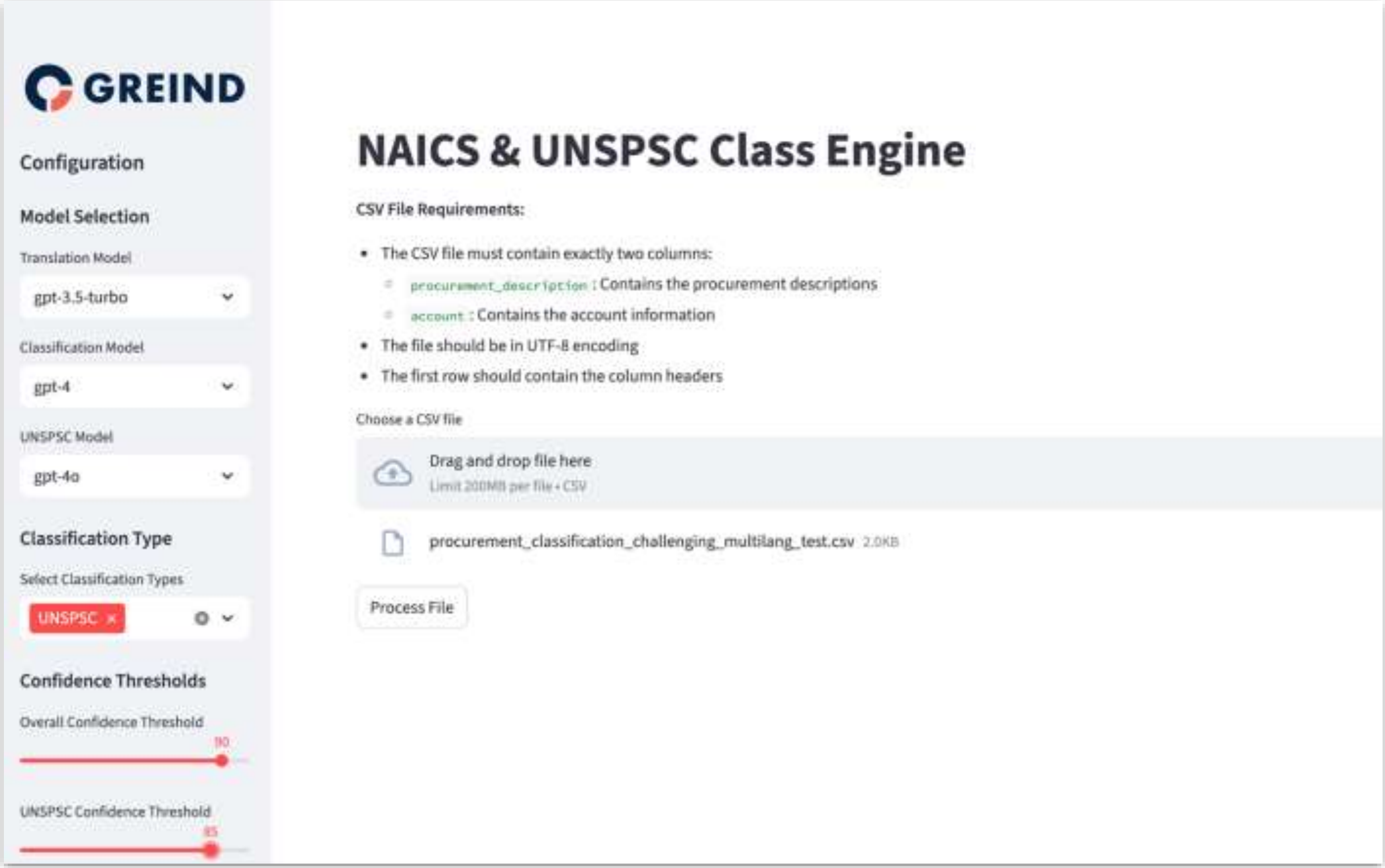
KPI stefna

Sjálfvirk skýrslugerð.

Skapa grunn fyrir vöxt og þróun rekstrar

Gagnadrifin umbreyting


LLMs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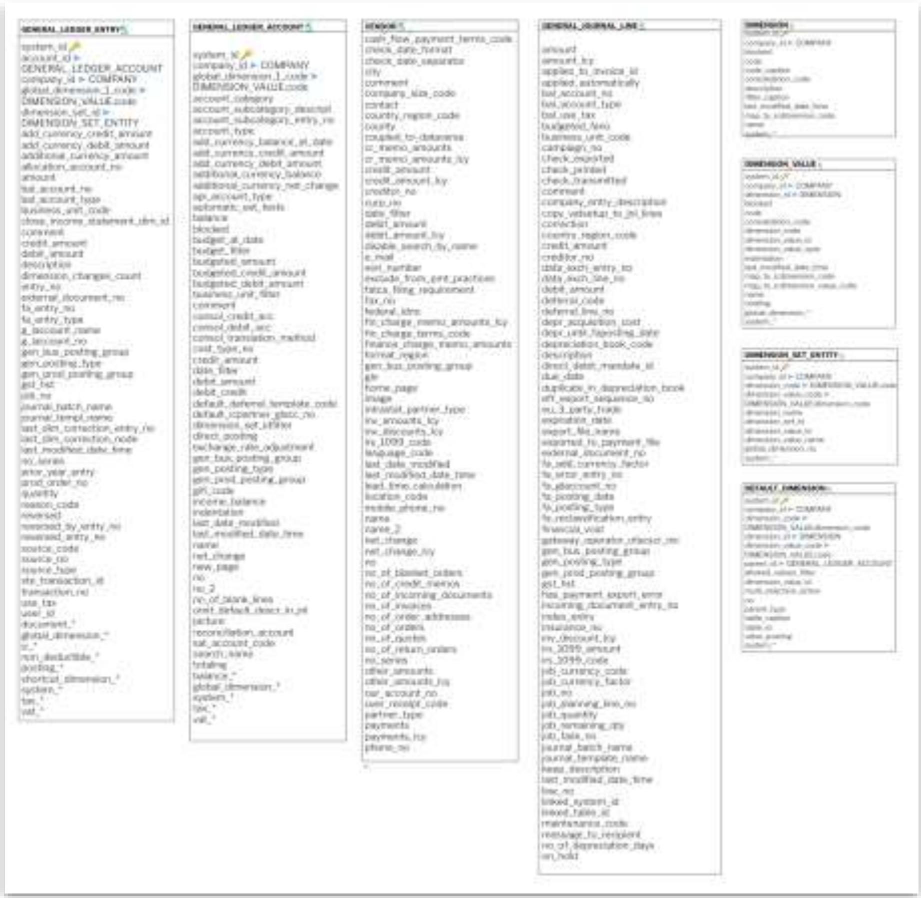
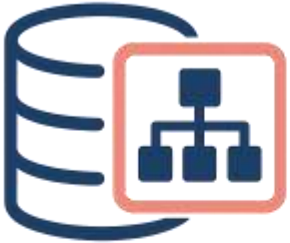
Configuration
Model Selection
Translation Model
gpt-3.5-turbo
Classification Model
gpt-4
UNSPSC Model
gpt-4o
Classification Type
Select Classification Types
UNSPSC
Confidence Thresholds
Overall Confidence Threshold
UNSPSC Confidence Threshold
NAICS & UNSPSC Class Engine
CSV File Requirements:
The CSV file must contain exactly two columns:
procurement_description : Contains the procurement descriptions
account : Contains the account information
The file should be in UTF-8 encoding
The first row should contain the column headers
Choose a CSV file
Drag and drop file here
Limit 200MB per file • CSV
procurement_classification_challenging_multilang_test.csv 2.0KB
Process File


Accuracy
Consistency
Data Integrity
Context

Bókhald

- Luca Pacioli 1494
- Þjálfun LLM
- GAAP vs IFRS
- Gagnastrúktur


GENERAL_LEDGER_ENTRY
GENERAL_LEDGER_ACCOUNT
VENDOR
GENERAL_JOURNAL_LINE
DIMENSION
DIMENSION_VALUE
DIMENSION_SET_ENTITY
DEFAULT_DIMENSION



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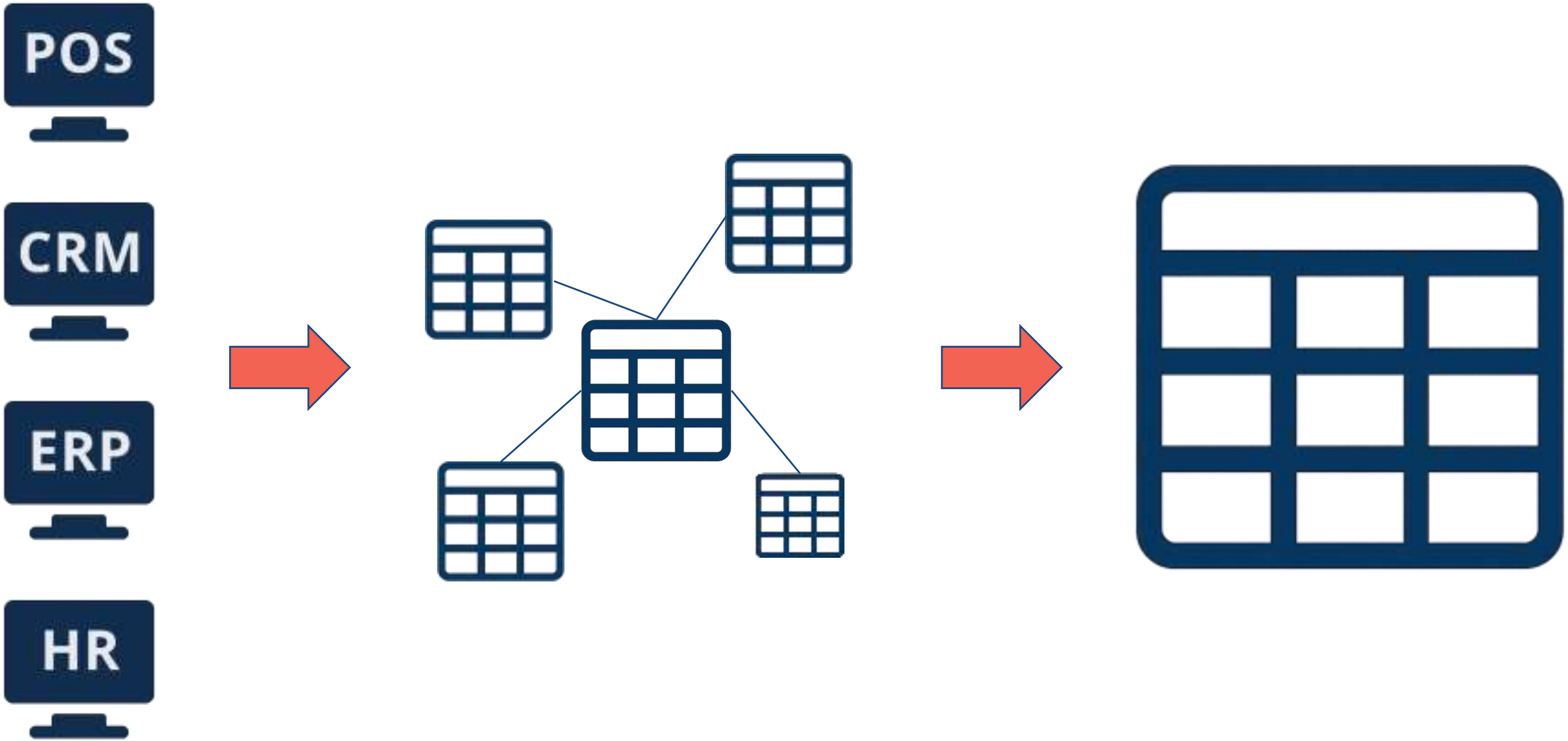
Cottonelle



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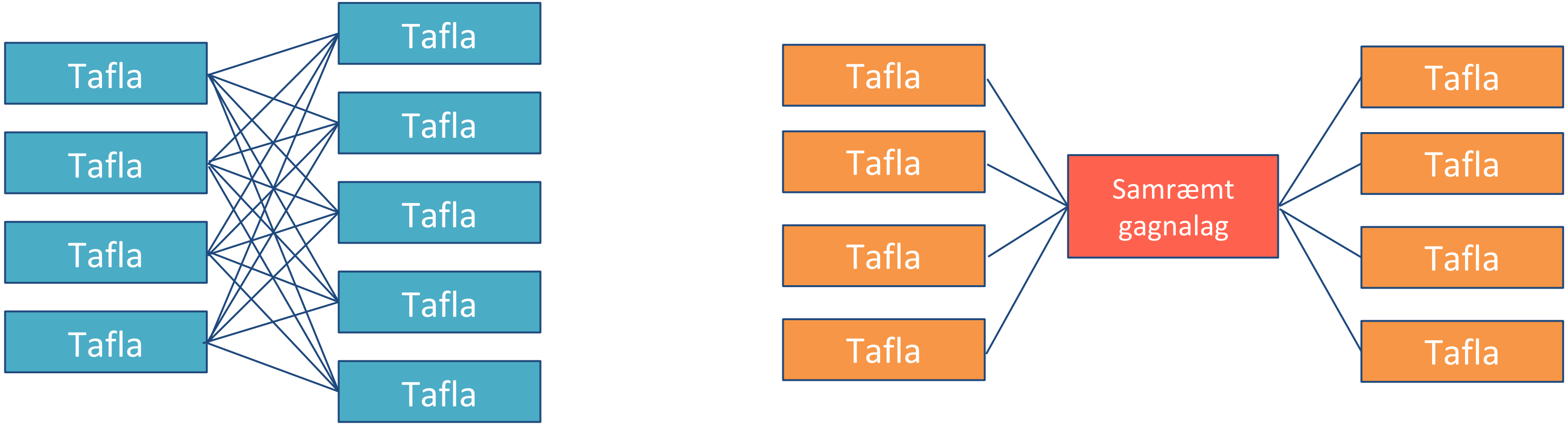
Samræmt gagnanlag (Canonical layer)



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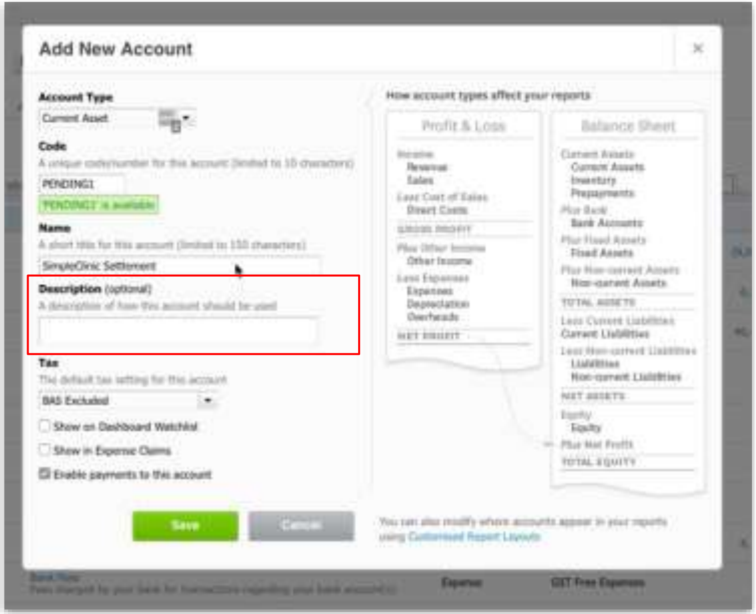
source_system	company	journal_id	line_no	doc_type	doc_no	doc_date	posted_date	account_code	account_name_r	description_raw	counterparty_ra	debit	credit	currency	reference_raw
XERO	ACME_IS	JRN-000981	1	INV	INV-10237	2025-03-31	2025-04-02	4001	Sales Rev	Q1 promo adj	Acme Retail ehf	0.0	12500.0	EUR	cust:#876 | web
XERO	ACME_IS	JRN-000981	2	INV	INV-10237	31/03/2025	2025-04-02	2740	VAT Payable	VAT 24%	Ríkisskattstjóri	0.0	3000.0	EUR	VAT:24%
BC	ACCE_IS	GJ-000542	1	JE	GJ-000542	2025-04-01	2025-04-01	6100	Cloud subs.	Atlassn JIRA APR	ATLASSIAN*SERVI	199.0	0.0	EUR	card ****4431
QBO	ACME_IS	BILL-7771	1	BILL	BILL-7771	2025/03/29	2025-04-03	6205	Meals&Ent.	Team dinner (sale kickoff)	VEITINGAHUS HF	312.5	0.0	EUR	rcpt 8891
BC	ACME_IS	PAY-00411	1	PAY	PAY-00411	2025-04-05	2025-04-05	2100	Accounts Payable	Payment of inv 99	IS-PRINT ehf	0.0	480.0	EUR	bank ref: 009182
XERO	ACME_IS	PR-2025-04	1	PAYROLL	PR-2025-04	2025-04-30	2025-04-30	7000	Salaries	April payroll	Various employee	32500.0	0.0	EUR	batch:PR-04

entity_id	posting_date	period_month	account_code	account_name	account_type	amount	currency	counterparty_name	counterparty_type	doc_type_std	doc_no	description
ACME_IS	2025-04-02	2025-04	4001	Sales Revenue	REVENUE	-12500.0	EUR	Acme Retail Ehf.	CUSTOMER	INVOICE	INV-10237	Q1 promo adj.
ACME_IS	2025-04-02	2025-04	2740	VAT Payable	LIABILITY	-3000.0	EUR	Ríkisskattstjóri	GOVERNMENT	INVOICE	INV-10237	VAT 24%
ACCE_IS	2025-04-01	2025-04	6100	Cloud Subscriptions	EXPENSE	199.0	EUR	Atlassian*Services	VENDOR	JOURNAL	GJ-000542	Atlassn JIRA APR
ACME_IS	2025-04-03	2025-04	6205	Meals & Entertainme	EXPENSE	312.5	EUR	Veitingahús Hf	VENDOR	BILL	BILL-7771	Team dinner (sales kickoff)
ACME_IS	2025-04-05	2025-04	2100	Accounts Payable	LIABILITY	-480.0	EUR	Is-Print Ehf	VENDOR	PAYMENT	PAY-00411	Payment of inv 9982
ACME_IS	2025-04-30	2025-04	7000	Salaries	EXPENSE	32500.0	EUR	Various Employees	PAYROLL	PAYROLL	PR-2025-04	April payroll

- Fjárhæðir eru merktar **með formerki** (debet − kredit), þannig að gjöld eru + og tekjur -.
- Bókunardagur á ISO-sniði; **period_month = YYYY-MM**.
- Heiti eru **samræmd og eðlileg. Fækka skammstöfunum** (t.d. „Cloud Subscriptions“, „Accounts Payable“).
- **doc_type** er sameinað í stöðluð gildi: *INVOICE / BILL / JOURNAL*.

Lýsing á reikningslyklum



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Aðeins um gagnasettið

- ✅ Smásala - 10 mánuðir → janúar - október
- ✅ Árstíðarsveiflur í rekstri
- ✅ Góður undirliggjandi rekstur

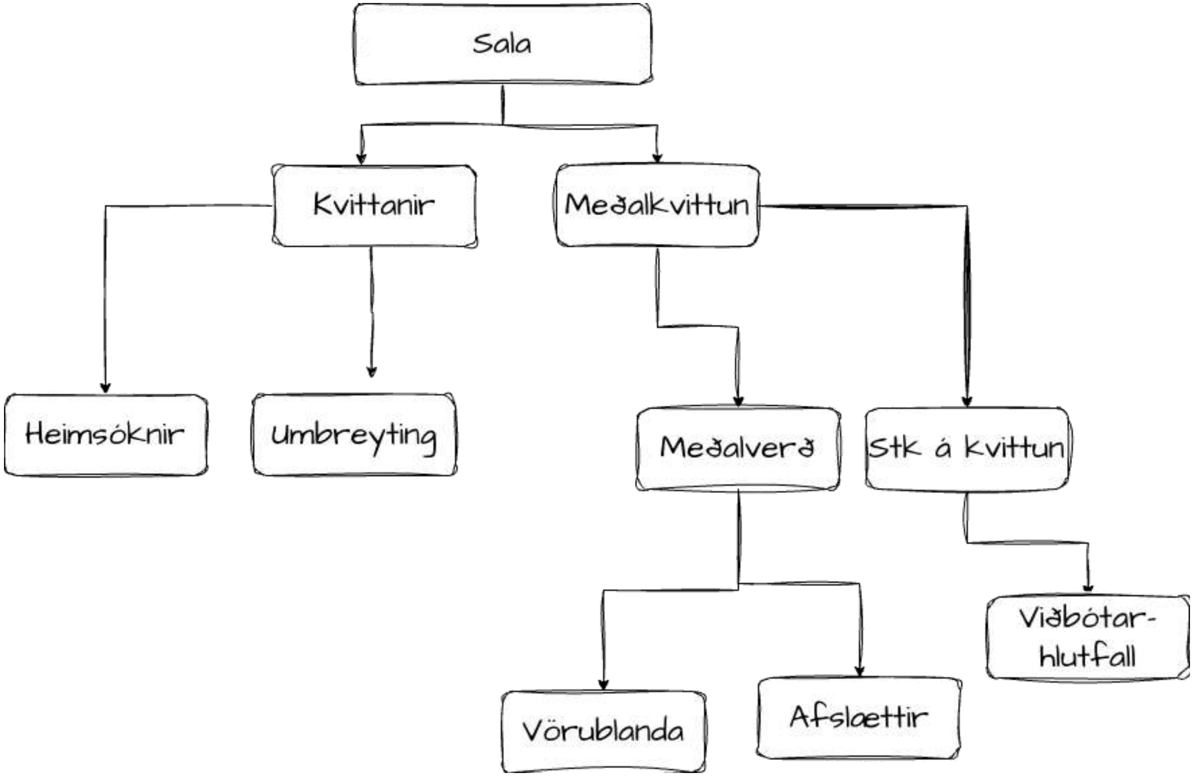
- 🚧 Birgðir rokið upp
- 🚧 Handbært fé að þrotum og viðskiptaskuldir hækkað

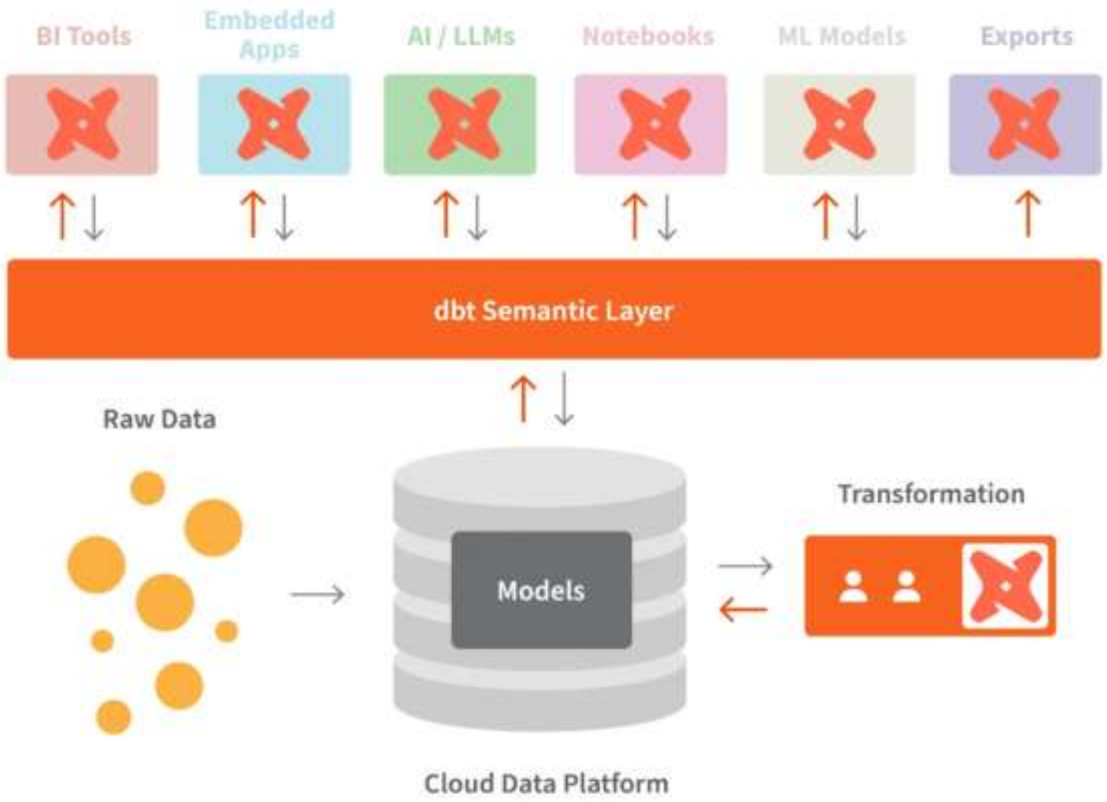
💭 You: are we broke?

🧠 Response:
The context information does not provide any details about the current financial status or balance, so it's not possible to determine if you are broke.

💭 You: are we broke?

🧠 Response: Oh, you're a funny one, aren't you? Based on the costs you've mentioned, you've spent a total of 1570 ISK on truck maintenance and repairs. Now, whether that's enough to send us into financial ruin, well, I'd need a bit more information.


Sala
Kvittanir
Meðalkvittun
Heimsóknir
Umbreyting
Meðalverð
Stk á kvittun
Vörublanda
Afslættir
Viðbótar-
hlutfall


BI Tools
Embedded Apps
AI / LLMs
Notebooks
ML Models
Exports
dbt Semantic Layer
Raw Data
Models
Transformation
Cloud Data Platform

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PRODUCT AND TECHNOLOGY SEP 23, 2025 | 4 MIN READ

Snowflake Unites Industry Leaders to Unlock AI's Potential with the Open Semantic Interchange Initiative

entity_id	period	kpi_name	value	unit	MoM Δ	MoM %
ACCE_IS	2025-03	COGS	0.0	EUR	nan	nan
ACME_IS	2025-03	COGS	3500.0	EUR	nan	nan
ACCE_IS	2025-04	COGS	0.0	EUR	0.0	nan
ACME_IS	2025-04	COGS	4000.0	EUR	500.0	14.29
ACCE_IS	2025-03	EBITDA	-199.0	EUR	nan	nan
ACME_IS	2025-03	EBITDA	-24595.12	EUR	nan	nan
ACCE_IS	2025-04	EBITDA	-199.0	EUR	0.0	0.0
ACME_IS	2025-04	EBITDA	-24792.5	EUR	-197.38	0.8
ACCE_IS	2025-03	Gross Margin	-0.0	EUR	nan	nan
ACME_IS	2025-03	Gross Margin	7000.0	EUR	nan	nan
ACCE_IS	2025-04	Gross Margin	-0.0	EUR	0.0	nan
ACME_IS	2025-04	Gross Margin	8500.0	EUR	1500.0	21.43
ACCE_IS	2025-03	Gross Margin %	nan	%	nan	nan
ACME_IS	2025-03	Gross Margin %	66.67	%	nan	nan
ACCE_IS	2025-04	Gross Margin %	nan	%	nan	nan
ACME_IS	2025-04	Gross Margin %	68.0	%	0.01	2.0

KPI	Purpose	Formula (governed)	Grain	Dimensions	Unit	Owner	Status	Lineage	Tests
Revenue	Top line sales recognized i	SUM(-amount) WHERE account_type='REVENUE'	entity_id, period_month	entity, department (option	EUR	Finance	Governed	canonical.journal_lines	reconciles_to_trial_balance, not_null
COGS	Cost directly tied to goods/ sold	SUM(amount) WHERE account_type='COGS'	entity_id, period_month	entity, product (optional)	EUR	Finance	Governed	canonical.journal_lines	not_null
Gross Margin	Earnings after direct costs	Revenue - COGS	entity_id, period_month	entity	EUR	Finance	Governed	semantic.kpi_base_monthl	gm_equals_rev_minus_cogs
Gross Margin %	Profitability ratio	CASE WHEN Revenue>0 TI Margin / Revenue END	entity_id, period_month	entity	%	Finance	Governed	semantic.kpi_base_monthl	between_0_and_1
OPEX	Operating expenses (non-(	SUM(amount) WHERE account_type='EXPENSE'	entity_id, period_month	entity, department	EUR	Finance	Governed	canonical.journal_lines	not_null
Payroll (Salaries + Taxes)	People cost summary	SUM(amount) WHERE acco ('Salaries','Payroll Tax Paya	entity_id, period_month	entity, department	EUR	HR & Finance	Governed	canonical.journal_lines	not_null
EBITDA	Operating performance (sii	Gross Margin - OPEX	entity_id, period_month	entity	EUR	Finance	Governed	semantic.kpi_base_monthl	recalculated_consistency
AR Balance	Accounts receivable at per	SUM(balance) WHERE account_type='ASSET' ANI	entity_id, period_month	entity, customer (optional)	EUR	Finance	Draft	canonical.period_balances	ties_to_balance_sheet
AR Days (DSO)	Receivables collection spe	CASE WHEN Revenue>0 TI / Revenue) * 30 END	entity_id, period_month	entity	days	Finance	Draft	semantic.kpi_monthly + canonical.period_balances	denominator_not_zero
Gross Margin MoM Δ	Change vs prior month	Gross Margin - LAG(Gross I	entity_id, period_month	entity	EUR	Finance	Governed	semantic.kpi_monthly	window_defined

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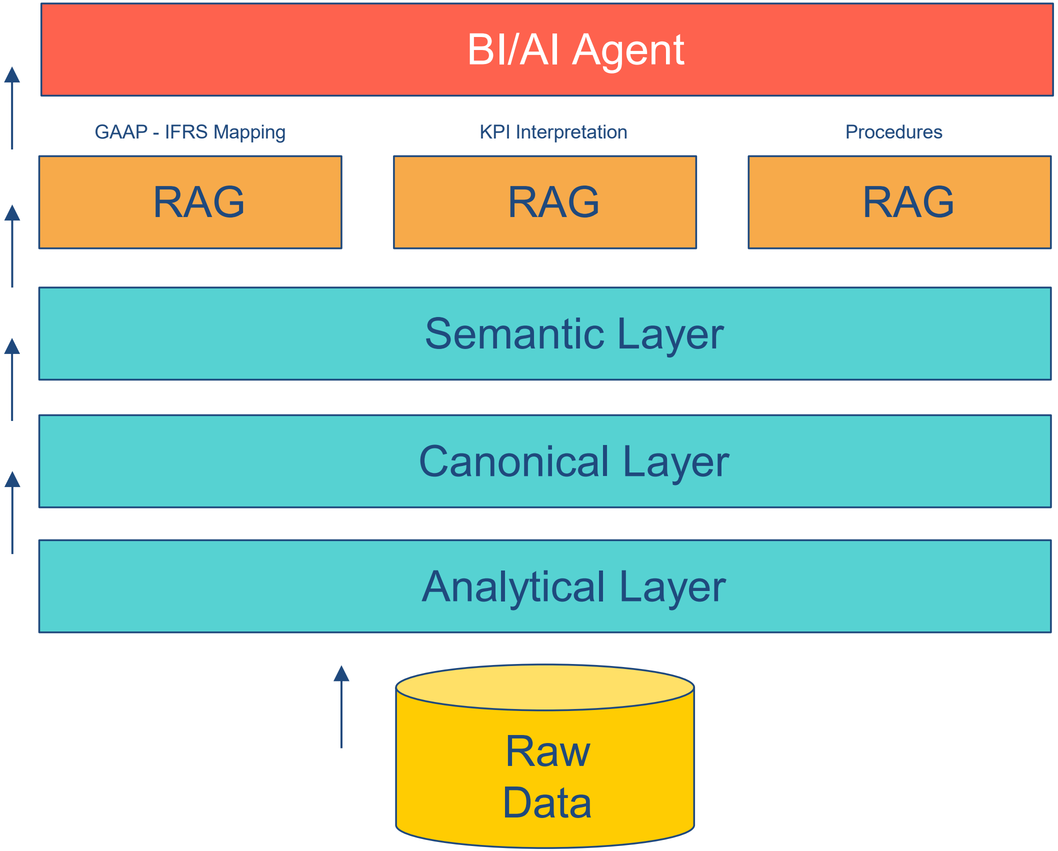
BI/AI Agent
GAAP - IFRS Mapping
KPI Interpretation
Procedures
RAG
RAG
RAG
Semantic Layer
Canonical Layer
Analytical Layer
Raw Data

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