

Driving value from data

Ajith Menon Kidaparambil

Tech Lead, Finance and Reporting Tribe Inbank AS https://www.linkedin.com/in/menon91/

About us

2010

Founded in Tallinn, Estonia by banking executives Jan Andresoo and Priit Põldoja 2014

Entering the Latvian market

2015

EU banking license and rebranding into Inbank

2018

Acquiring a leading consumer finance company Mokilizingas in Lithuania

2019

Increasing shareholding in Estonia's largest PSP Maksekeskus to 30%

2016

Netherlands

Cooperation with the Raisin deposit platform in Germany, Austria, and the

2017

Establishing a branch in Poland

2020

Acquiring 53% shareholding in a subscription car rental Mobire

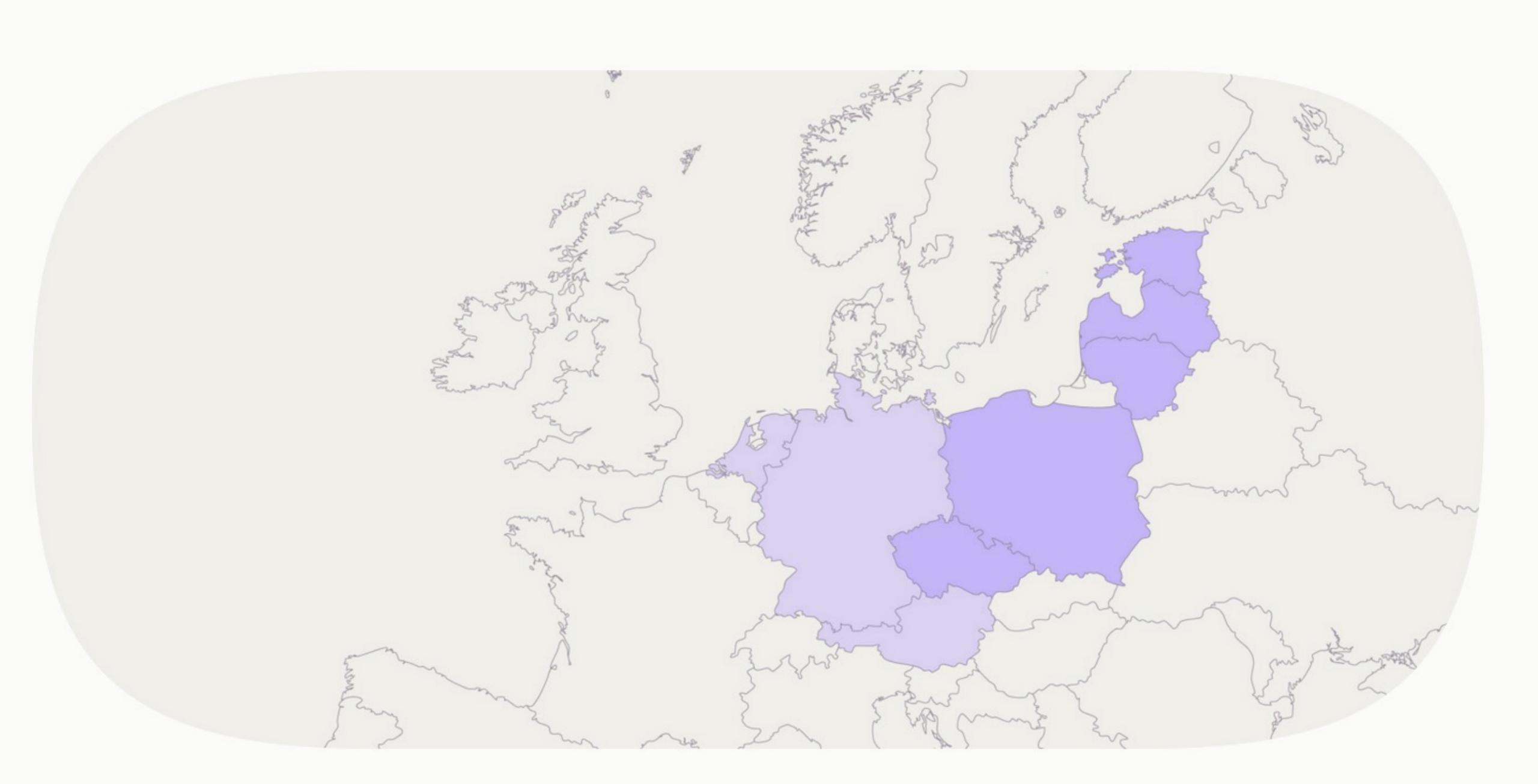
2021

30% investment into Paywerk, a BNPL as a service provider

2022

Establishing a branch in Czechia

Where to *next*?



2023 Highlights

A year in numbers

892,000 Active customer contracts

410 +People with 35% in Tech roles

€1bn Loan and rental portfolio

5,400 Active retail partners

5



Markets across Baltics and CEE, also collecting deposits in Germany, Austria, and the Netherlands

1.6%

41,000+New contracts monthly

ጋ%

Sales originated at partner channels

 \mathbf{n} 9% Return on equity

Key financials

(in millions of €)

Gross merchandise value

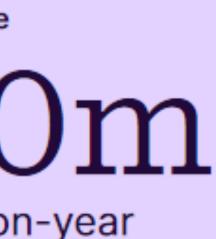
+19% year-on-year

Total net income

+17% year-on-year

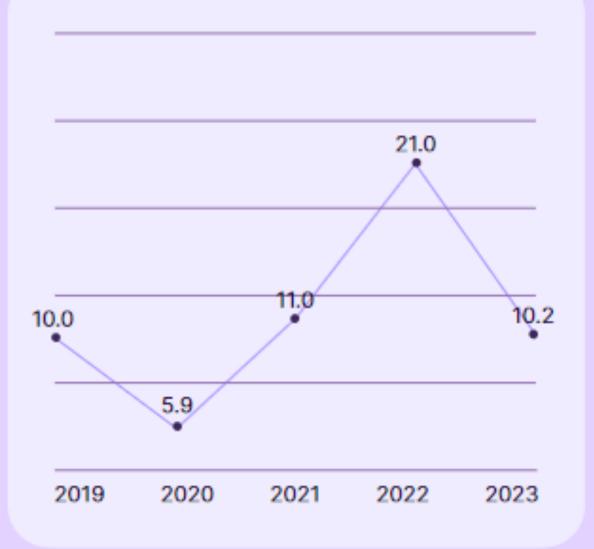


* Excluding the extraordinary profit of €11.4m from the sale of 29.8% stake in Maksekeskus in 2022.



Net profit

€10m +5% year-on-year*



Consolidated statement of financial position

In thousands of euros

Assets

Cash and cash equivalents

Mandatory reserves at central banks

Investments in debt securities

Financial assets measured at fair value through profit or loss

Loans and advances

Investments in associates

Assets classified as held for sale

Other financial assets

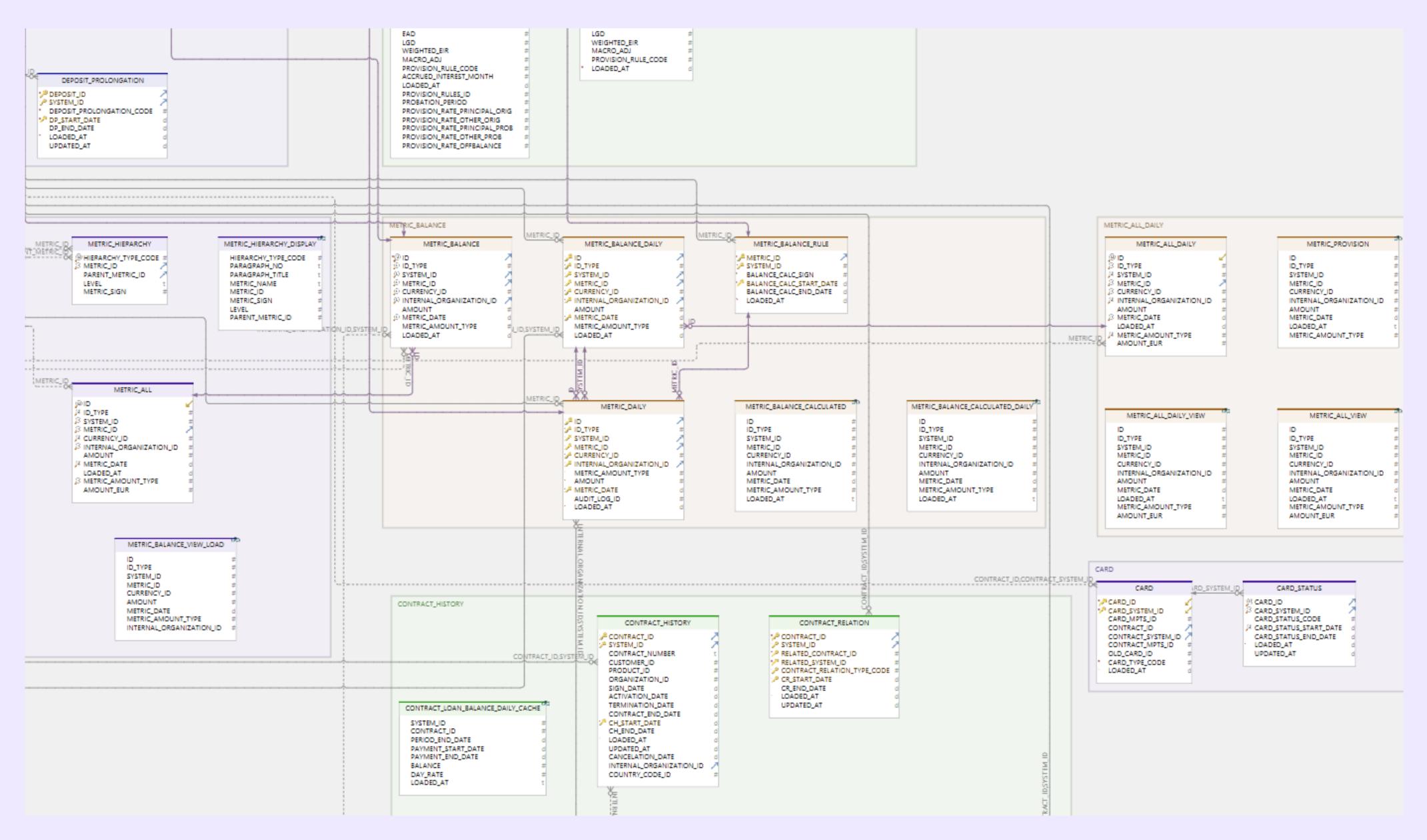
Tangible assets

Right of use assets

Intangible assets

31.12.2021 restated	31.12.2022* restated	31.12.2023	Note
87,419	130,889	172,921	3; 11; 25
7,904	14,446	21,020	3; 11; 25
7,684	8,415	33,581	3; 12; 25
(37	79	25
604,848	755,100	942,056	3; 9; 25
774	1,065	141	13
4,203	0	0	27
2,15	3,387	5,268	17
19,143	48,533	75,206	14
25,23	23,247	26,716	14;15
22,423	26,249	30,906	16

A good data model



Initial DWH



• Slow performance on analytical queries

- Did not scale for data warehousing needs
- Expensive to keep adding more and more EC2 instances
- Concurrency and workload management

Why we moved

snowflake®

- Scalable
- Instantanious changes to compute unit sizes
- Easy to deploy and set up
- Data migration from AWS RDS to Snowflake is a lot easier
- Forgiveness of the platform to *"bad"* queries
- Different compute unit sizes for different roles
- Ability to be in the same AWS region for our setup
- Timetravel

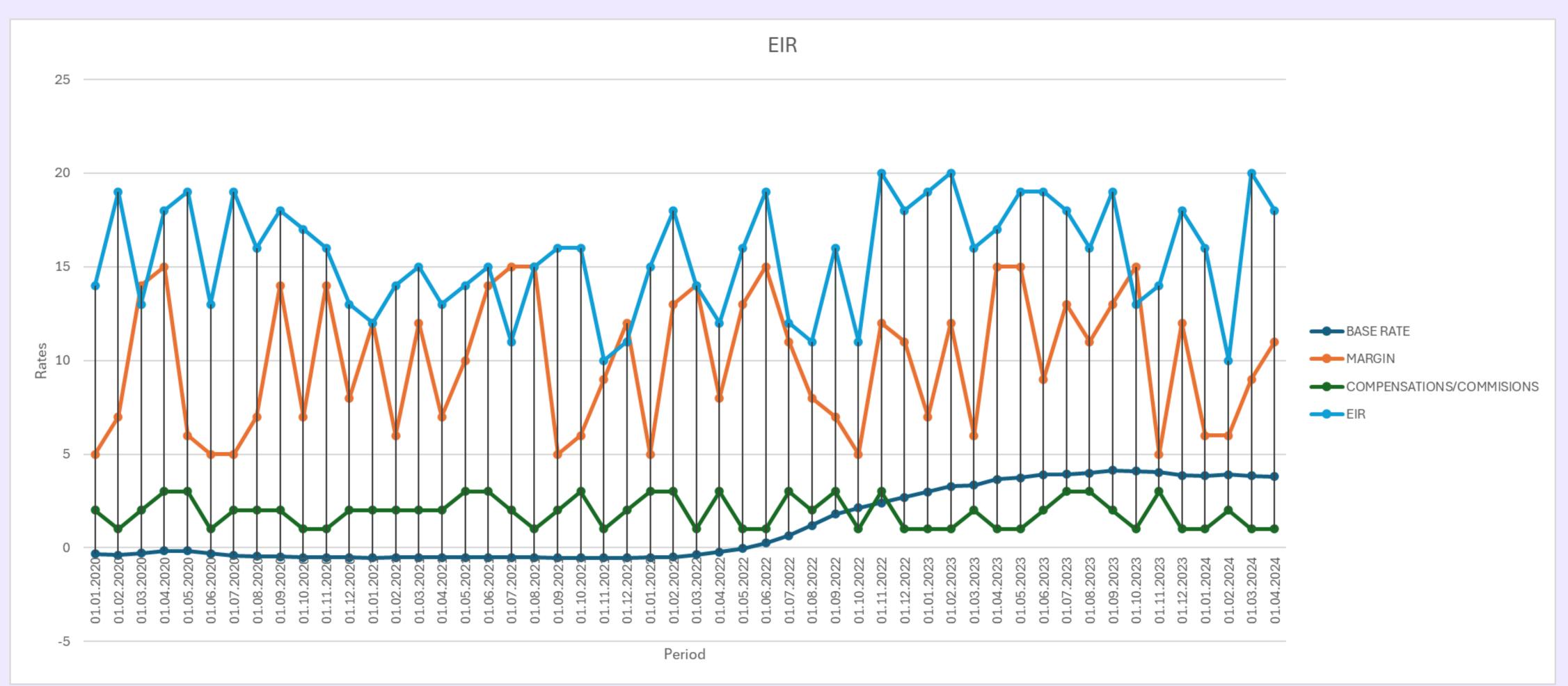
What's in our Snowflake?



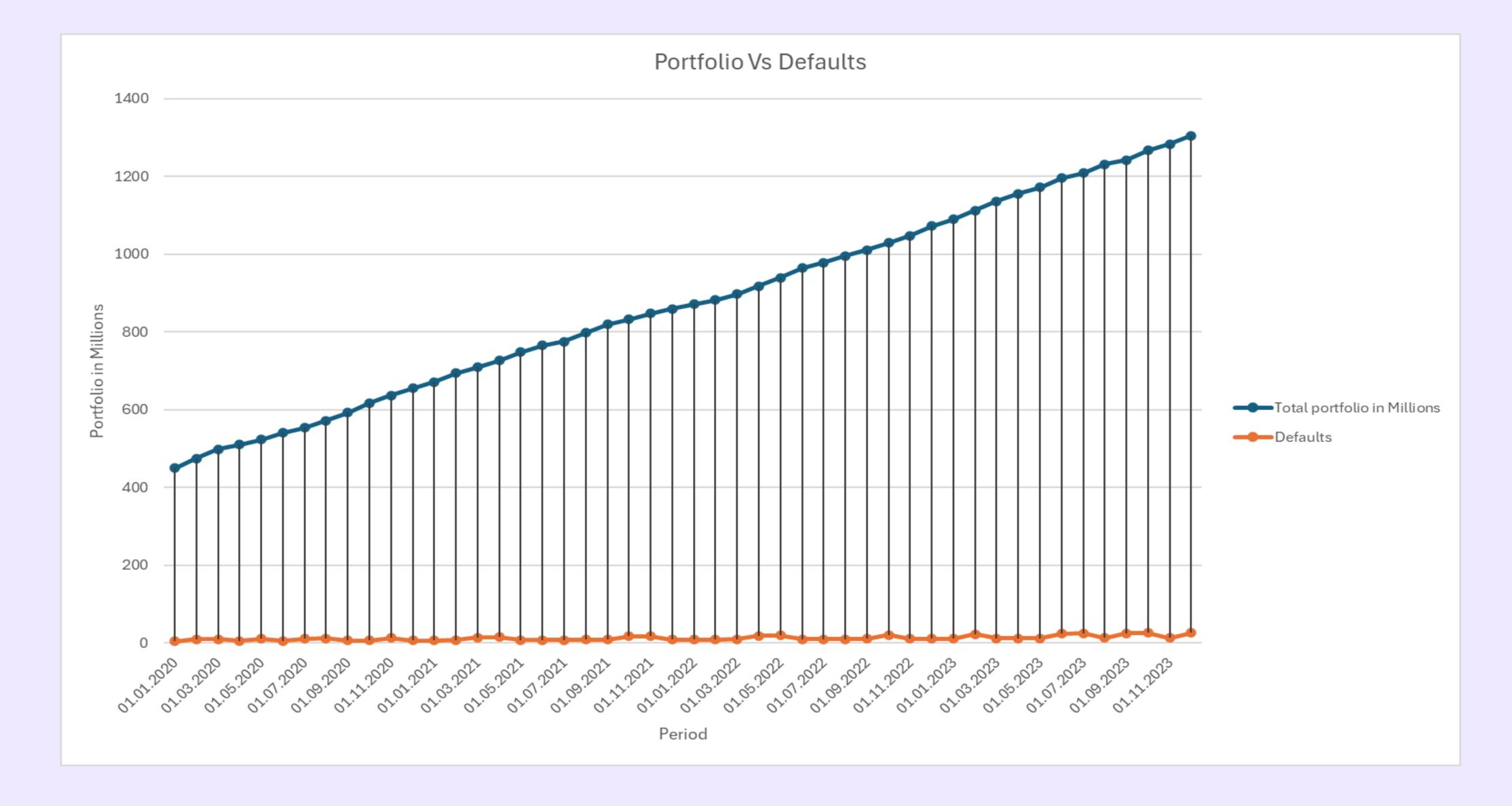
Consolidated data model

- Replicas of source systems
- Financial events and snapshots daily and monthly
- Analytical models for estimations, projections

Effective Interest Rates using Snowpark



Default Registry



Regulatory reporting

AnaCredit

Consolidated data

I

Financial event Metrics

FinRep

Capital and Risk Management Report

Analytical models, projections

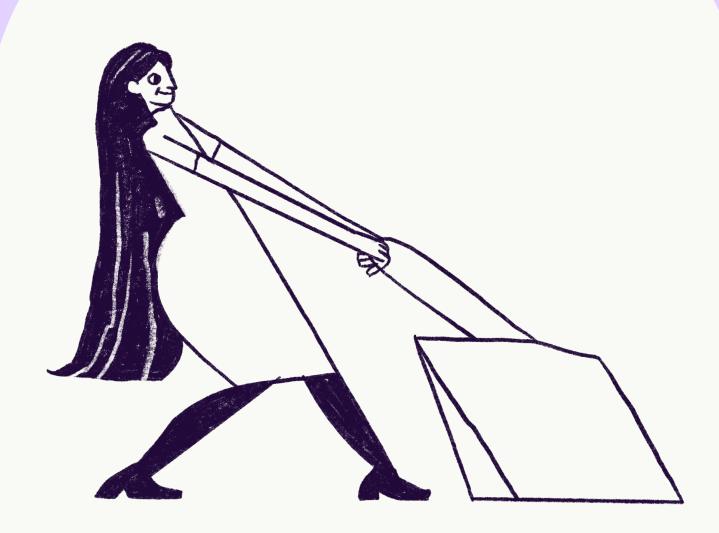


Whats cooking?

- Snowflake Vopen Source)
- CDC (based on the recommendations from the Snowflake support engineer)
- Wider deployment of Snowpark
- Moving to ELT
- More democratised data
- Be more compliant and secure with column-level security
- Information structure owners and their activation
- Cost optimisation with the tool from Snowflake

Infrastructure as code using Terraform and Schemachange (https://github.com/Snowflake-Labs,

Think about us!



Shopping for a bag



Or a hat



Contact Inbank AS

Address

Email

Phone



Niine 11, 10414 Tallinn, Estonia info@inbank.ee (+372) 640 8080

inbank.ee

