Visual Data Warehousing

A Practical Use Case

Data Visualization Meetup
Munich, 03.05.2017

About Me

Frode Voll Aasen

Business Intelligence
and Data Management

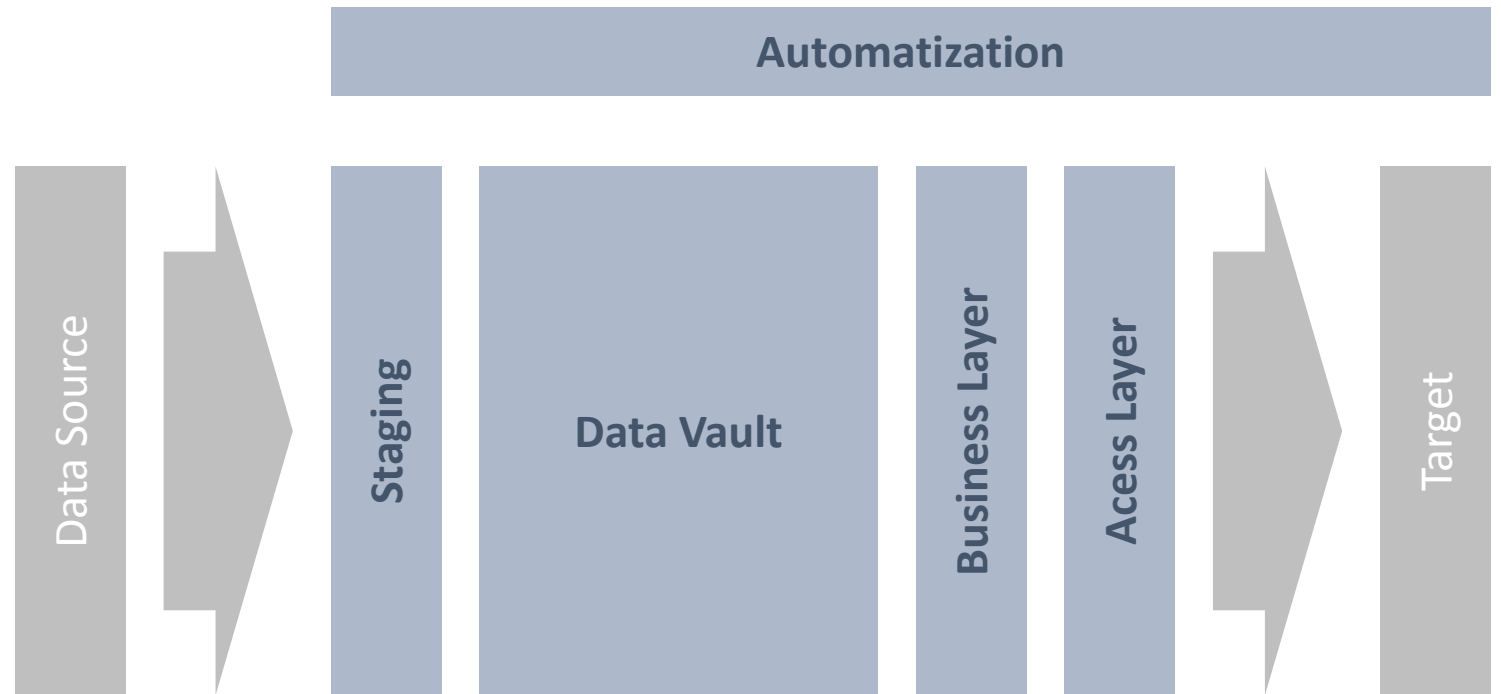frode.voll.aasen@ventum.de

Ventum Consulting

Technology and IT
Consulting

Data Vault: A Brief Overview

2 challenges:

- Multi-Layer architecture makes traceability difficult

- Hub and Spoke model causes <u>a lot</u> of database objects (tables and views)

Automatization

Data Source → Staging | Data Vault | Business Layer | Acess Layer → Target
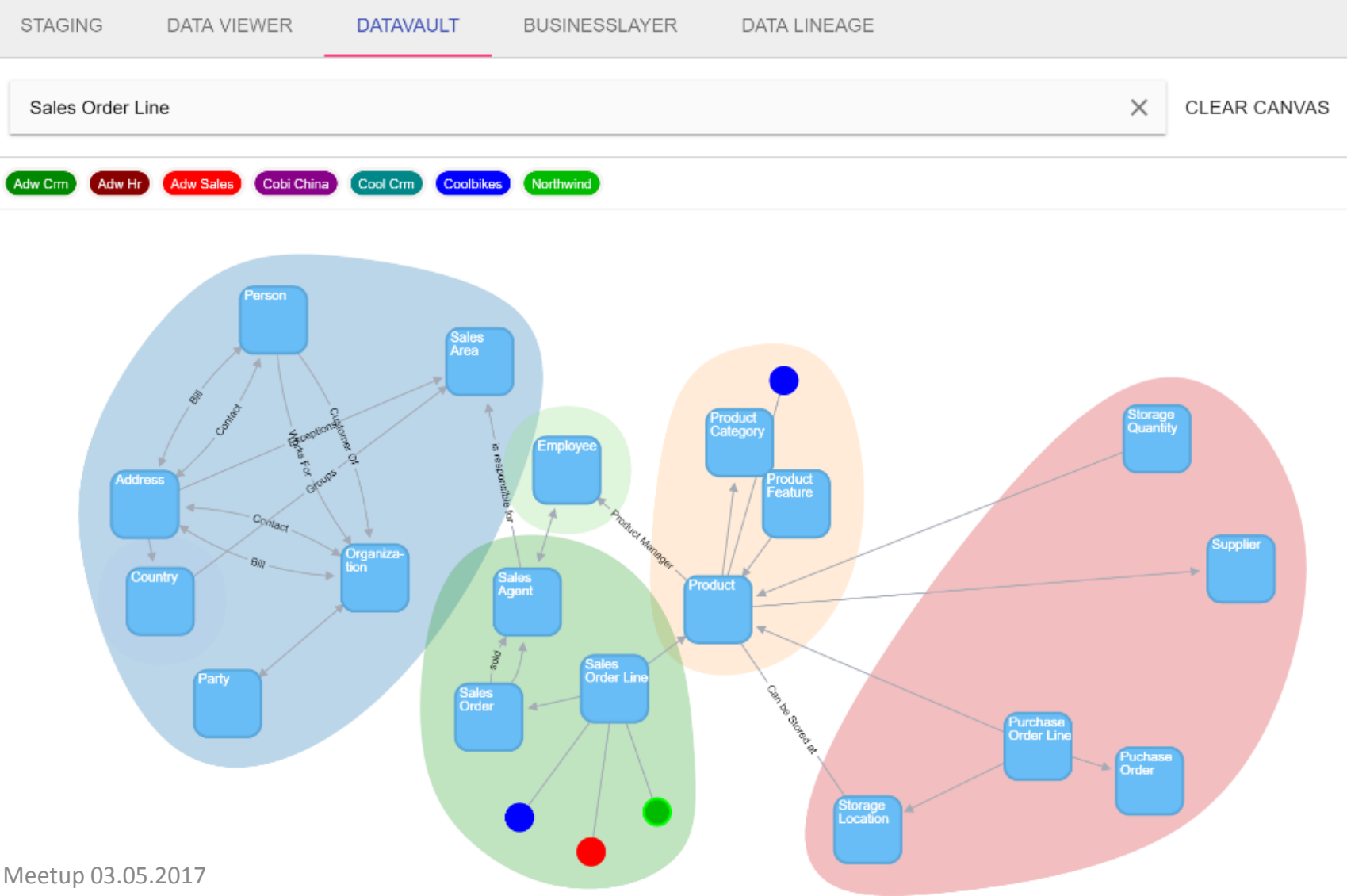
Data Vault: DB Style

- **Working with procedures, queries and tabular output**

- **> 2000 tables and views, meaning search was our friend**
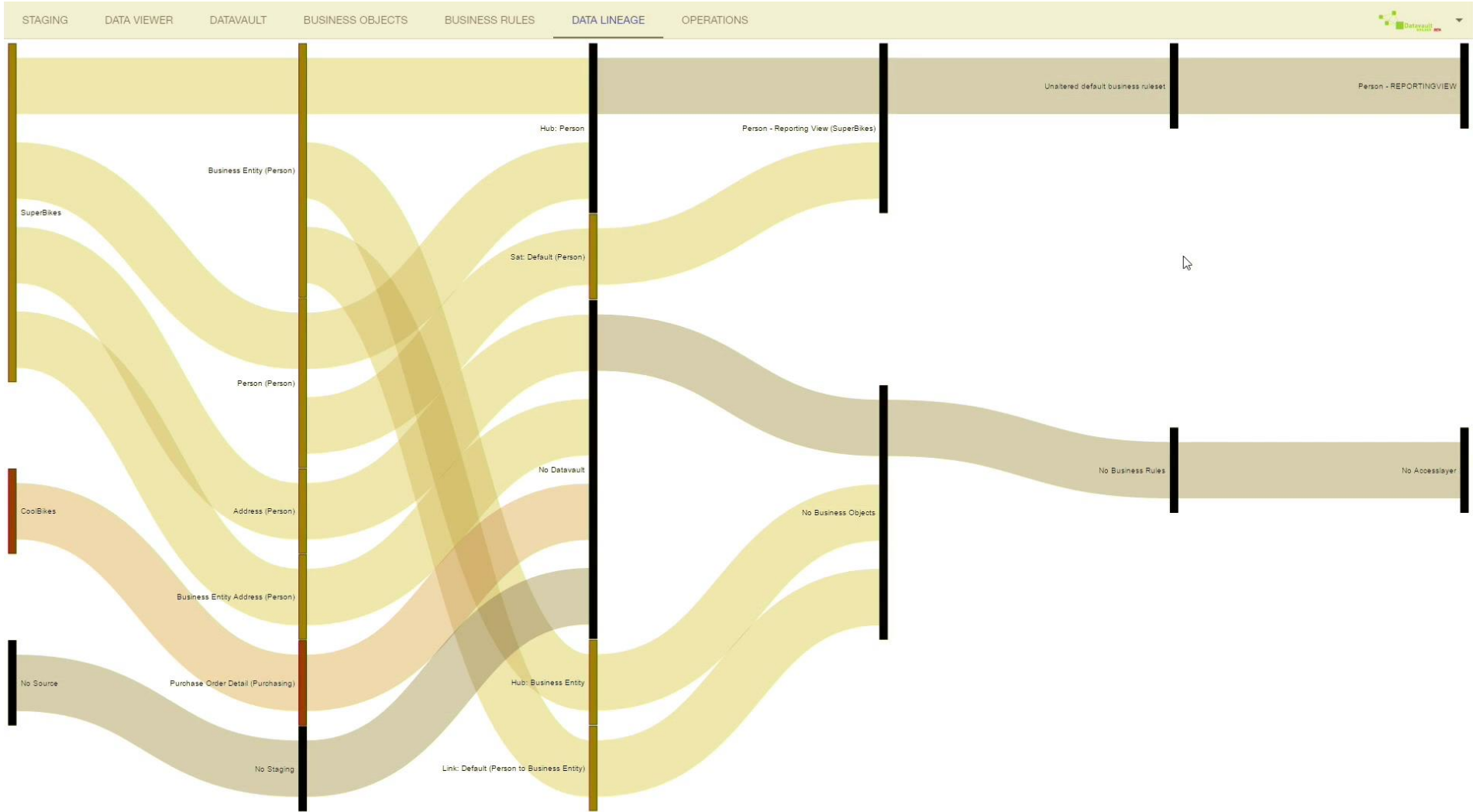
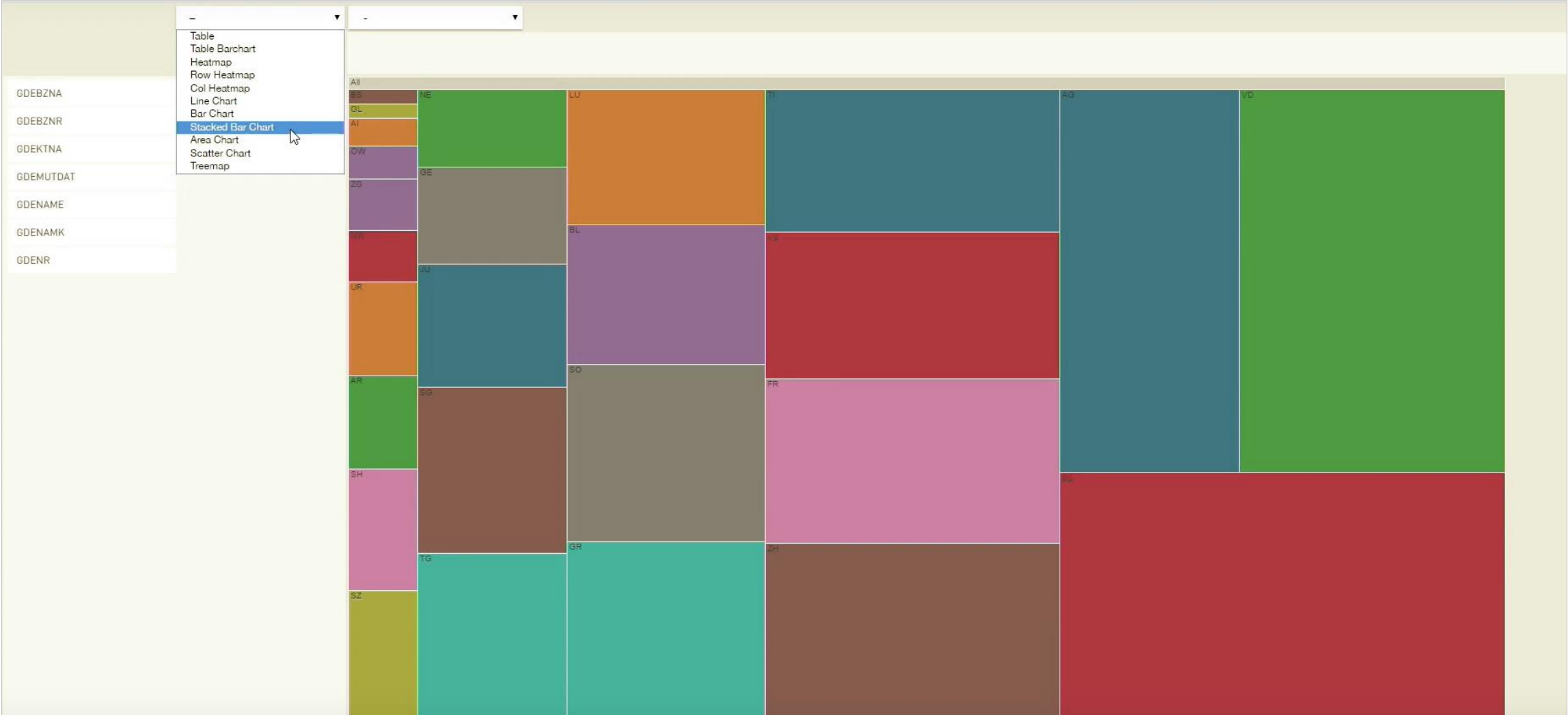- **Limited data exploration capabilites**

The Idea

August 2014

September 2014

Oktober 2014

November 2014
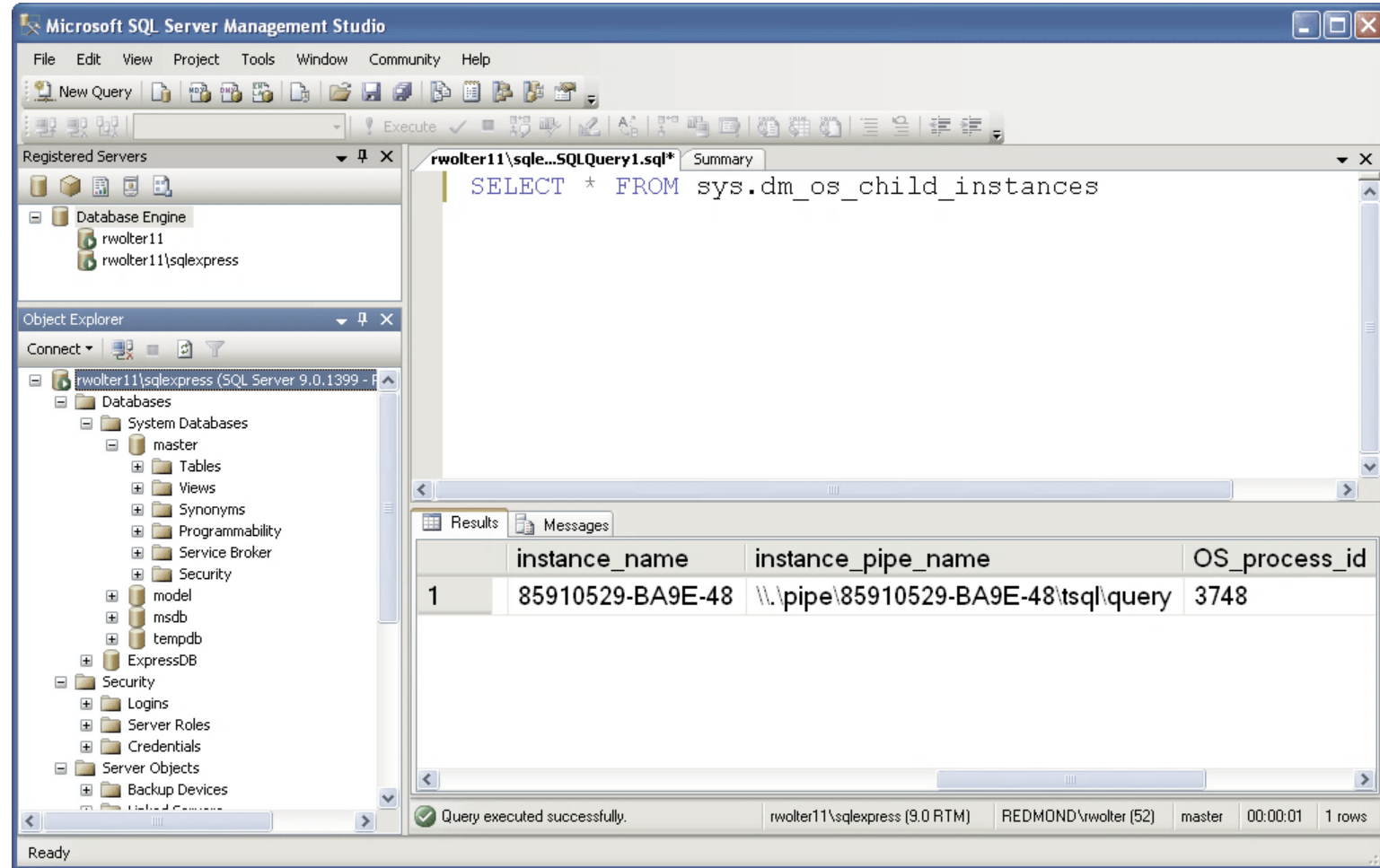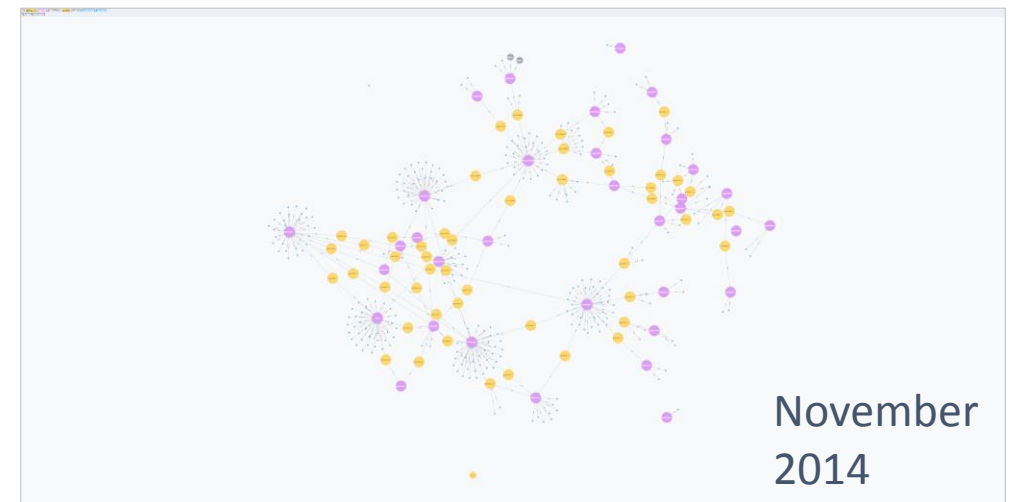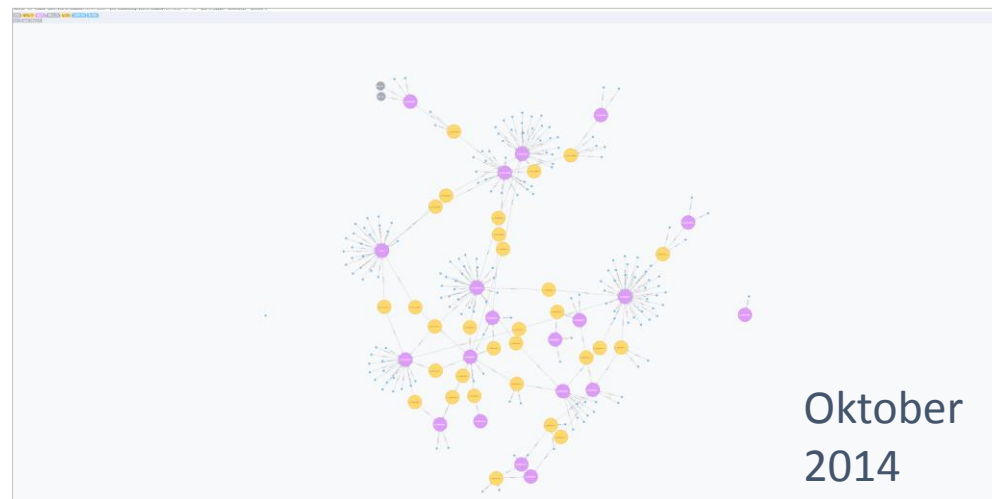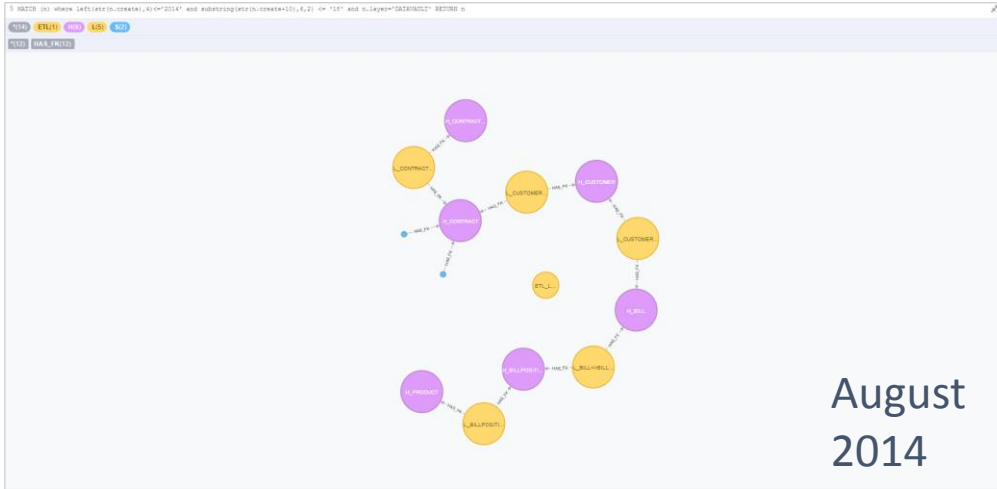
Data Modeling: D3.js

Data Lineage: d3.chart.sankey

Data Viewer: JQuery Pivot Table and C3.js

Questions?

http://datavault-builder.com   frode.voll.aasen@ventum.de