



Data Discovery Platform

Nordic Metadata AS @ DigDir

Zeenea - Målsetning



Start fokusert, Skaler raskt



SaaS & SOC 2 Level 2 Sertifisert

(ISO 27001 i prosess)



Enkelt å komme igang

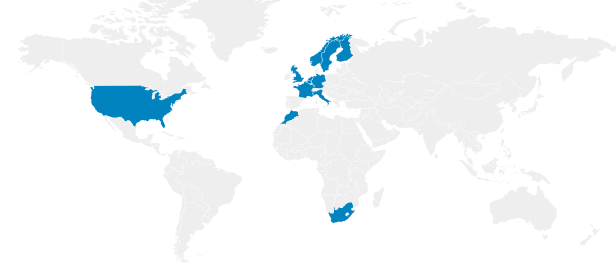


Disruptive teknologi



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Fakta:



**Etablert i 2017,
Nordic Metadata AS fra 2021**



Global tjeneste



+10.000 brukere



Mange ulike vertikaler

+50 kunder i Bank, Forsikring, Retail,
Produksjon, Telco, Energi, Software...



Statnett

verdane



Hva er metadata?



Erfaringer og relevante referanser



Statnett

- Startet 2021, implementert på 3 mnd.
- Re-designet metadata-modell i 2022



verdane

- Startet i 2022, implementert på dager
- Skal anvendes av team i ulike land



tietoevry

- Startet i 2022, implementering pågår
- Skal tilby en bred

3 sentrale use-case validert

- Hente metadata fra mange ulike interne kilder
- Sammenstille informasjon med utgangspunkt i ulike kilder
- Hente Informasjon fra eksterne aktører/kilder

Trender i markedet



Noen betraktninger i forhold til utvikling og modenhet

Hvor er markedet på vei?

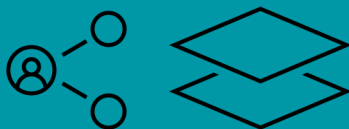
Gartner

Modenhet



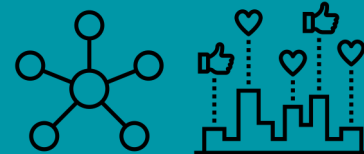
- Tydeligere krav, og **dypere forståelse**
- Tidskritisk for å **møte behov**

Deling av informasjon



- Informasjonsdeling i en **større sammenheng**
- **Flerlags arkitektur** også i data katalog

Data Discovery



- **Innebygget logikk**
- Grensesnitt som gjør det enkelt å **søke, finne og forstå**

Data Discovery Utfordringer

2 sentrale utfordringer for 2 typer personas

Hvordan samle, vedlikeholde og sikre kvalitet på all denne informasjonen?



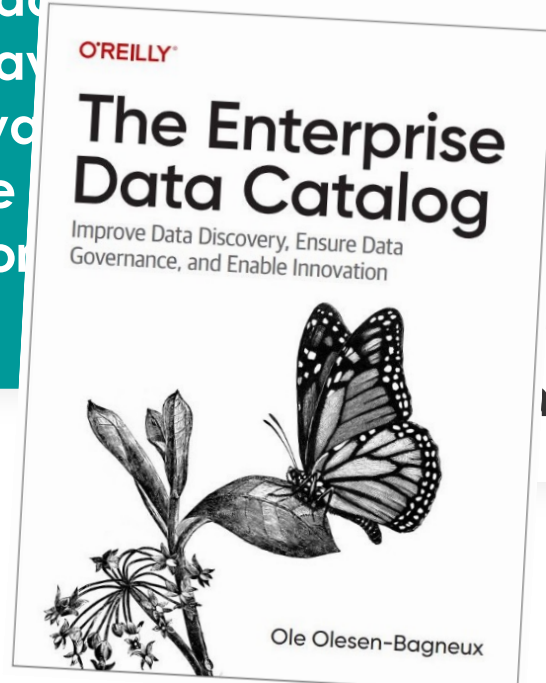
Hvordan navigere i relevant informasjon om de forskjellige datakatalogene?



Ole Olesen-Bagneux · 1.
Author of The Enterprise Data Catalog @ O'Reilly | Data @ GN
2t · 🌐

Chapter 4 Applied Search is out in early release. It explains various search patterns in data catalogs _for_ data. Albeit short and simple, it's arguably the single most important chapter of the book. Because the ultimate capability in a data catalog is search (link below)

[Se oversettelse](#)





Den virkelige utfordringen...

En Enterprise Data Katalog håndterer en stor mengde informasjon



+ 1,000s of datasets, modeller & visualiseringer (assets)

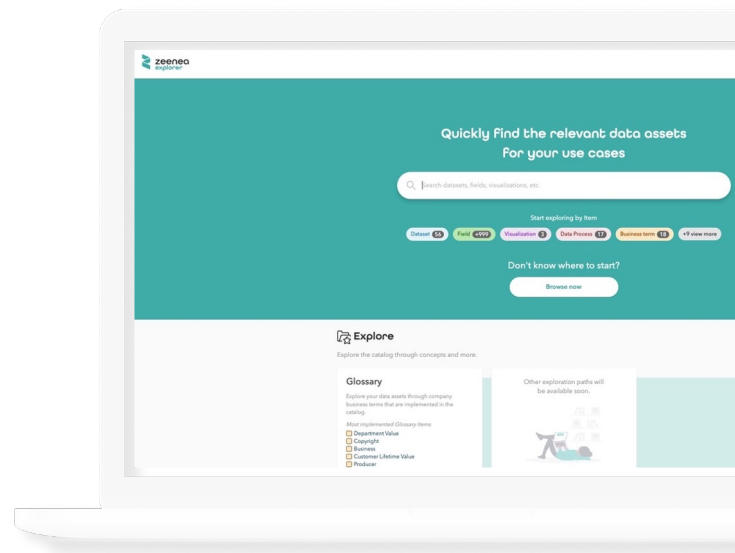


+ 100,000s data felter

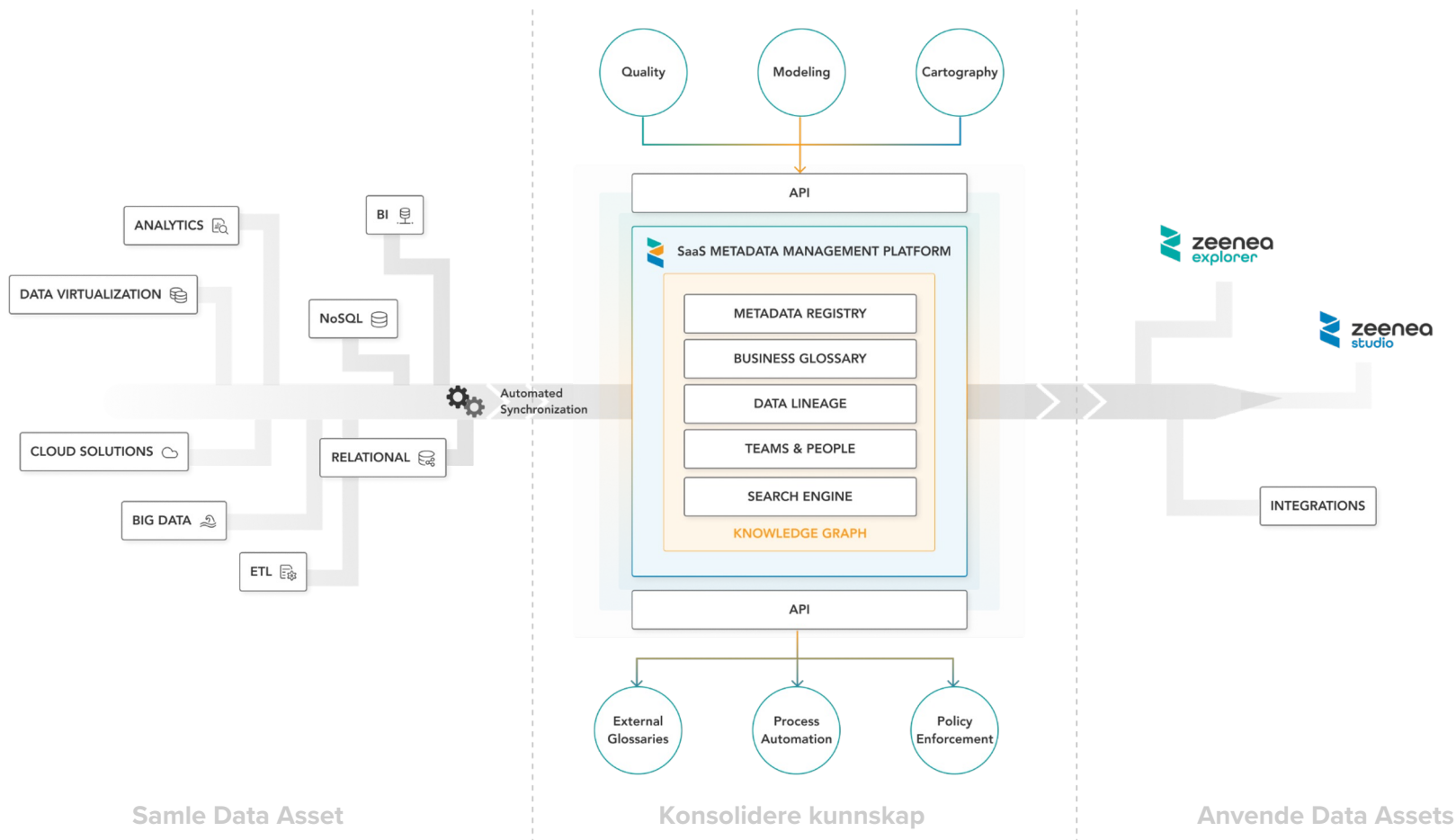


+ 1,000,000s av egenskaper (metadata)

- tekniske metadata
- bruker metadata
- forretnings metadata
- compliance metadata
- statistiske metadata
- etc.



Udfordring #1: Automatisering



Zeenea Nordic

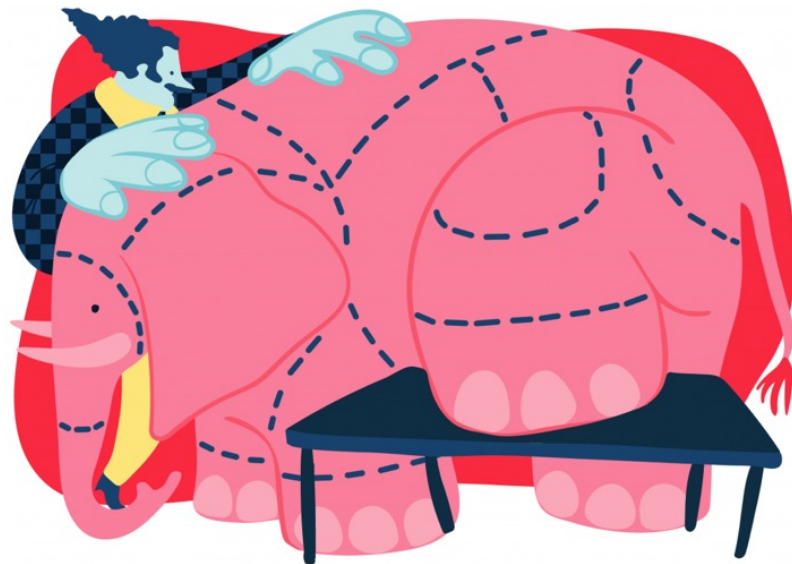
Nordic Metadata AS

- Verdiforslag til ensartet behov – eks. kommuner

Fire gode tips fra et tverrgående samarbeid

På Digitaliseringsbloggen om [Nettvettverksamarbeid gir bedre sammenhengende tjenester](#) deler Digidir noen erfaringer fra nettverkssamarbeidet som ble etablert som følge av Ukraina-krigen.

- Ha fokus på situasjonen til sluttbrukeren og hvilke forbedringer i brukerreisen som er mulig å få til.
- Bygg enkle strukturer for nettverkssamarbeidet.
- Evaluér og sammenstill læring for å muliggjøre deling og videreutvikling av andre.
- Ta initiativ til å samle aktører, selv uten formelt oppdrag.

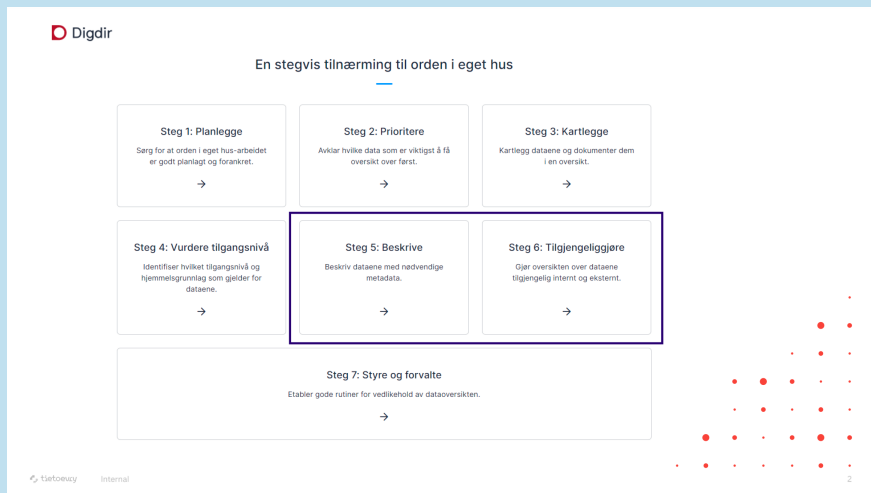


En bit om gangen / lieB.no

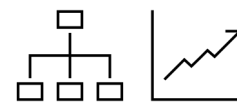
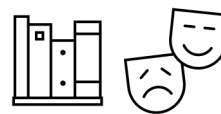
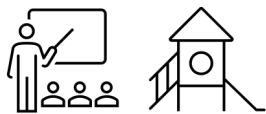
Tenk nytt om finansiering, Del egne og bruk andres løsninger, Del kompetanse, Mer rom for å eksperimentere

Vårt Målbilde

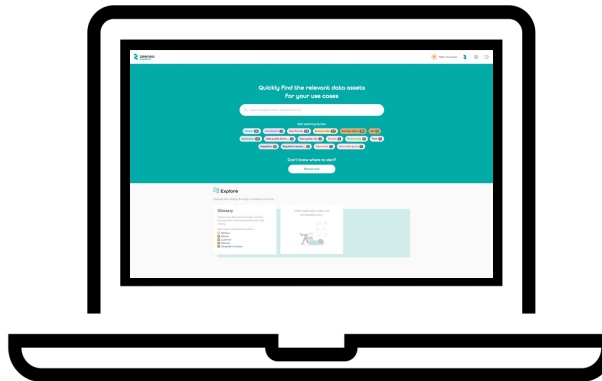
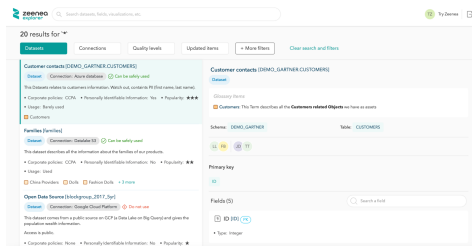
Tilby **en** løsning til mange,
som løser **en** sentral, og **lik**
utfordring



Lokale data



Felles løsninger
SaaS



- Informasjon definert under:
- **5 virksomhetsområder**
- **7 livshendelser**
- Lokalt publiseringsansvar
- Lokal beslutning om hva som skal ut til en åpen tjeneste
- Integrasjon mot relevante kilder, kun metadata
- Basert på en metadata-modell
- Katalogen tilgjengelig for alle

Løsningsscenario #1

18 results for '*'

Datasets

Connections


Quality levels

Updated items

+ More filters

Clear search and filters

Customer [Customer]


Dataset Connection: Hamilton - Data warehouse  Can be safely used

A customer is a person or company that buys a vehicle

- Application: Hamilton Datawareh...
- Domain: Finance; Marketing; Maintenance & serv...
- Regulation: GDPR
- Trust score: ★★☆☆
- Schema: automotive

Customer

Customer Hierarchies (KNVH) [KNVH]


Dataset Connection: SAP  Can be safely used

Customer Hierarchies

- Application: SAP VMS
- Domain: Marketing
- Trust score: ★★☆☆
- Type: Transparent

Customer

Customer Master Sales Data (KNVV) [KNVV]


Dataset Connection: SAP  Can be safely used

SAP Customer Master Data and Master Data Management is of core importance in SAP. A transaction's accuracy is based on correct and accurate Master Data. If the Master Data is not maintained in the SAP system, transactions cannot be performed. If the Master Data is not properly and accurate maintained,...

- Application: SAP VMS
- Domain: Finance
- Trust score: ★★☆☆
- Type: Transparent

Customer

Customer Payment History (KNB4) [KNB4]


Dataset Connection: SAP  Can be safely used

Customer Payment History

- Application: SAP VMS
- Trust score: ★★☆☆
- Type: Transparent

Customer Payment management

Engine [Engine]


Dataset Connection: Hamilton - Data warehouse  Can be safely used

Describe the engine used in a vehicle

- Application: Hamilton Datawareh...
- Domain: Supply chain; Operations
- Regulation: ISO 9001
- Trust score: ★★☆☆
- Schema: automotive

Engine


Geographical Area [GeographicalArea]

Dataset Connection: Hamilton - Data warehouse  Can be safely used

Define the geographical area where the vehicle is available

- Application: Hamilton Datawareh...
- Domain: Finance; Marketing
- Trust score: ★★☆☆
- Schema: automotive

Customer [Customer]

Dataset Connection: Hamilton - Data warehouse  Can be safely used

Glossary Items

Customer: Person or company who buy a vehicle

Schema: automotive Type: BASE TABLE

Table: Customer

NB SB FB AS PS SB

Primary key

CustomerID

Business key

name emailAddress

Fields (7)

Search a field

CustomerID [CustomerID] (PK)

Identifier of the customer

- Type: Integer

name [name] (BK)

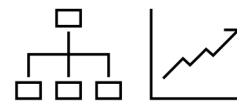
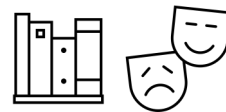
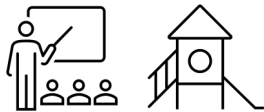
Name of the customer

- Type: String
- Regulation requirement: GDPR Personal data

phone [phone]

Phone number of the customer

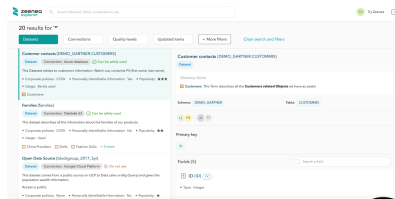
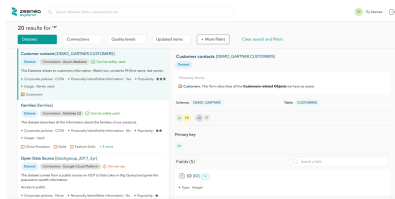
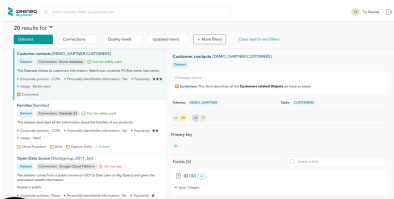
- Type: String
- Regulation requirement: GDPR Personal data



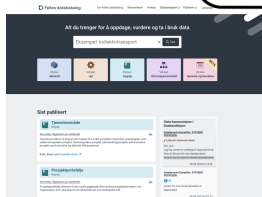
Kommune A

Kommune B

Kommune C

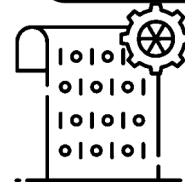


tietoerly



Interne brukere

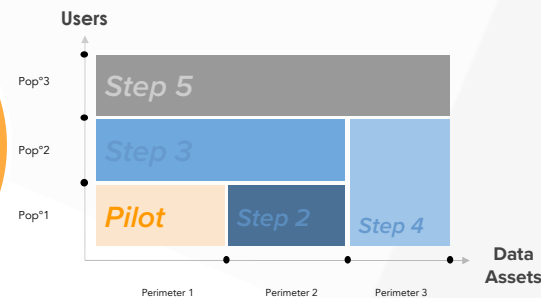
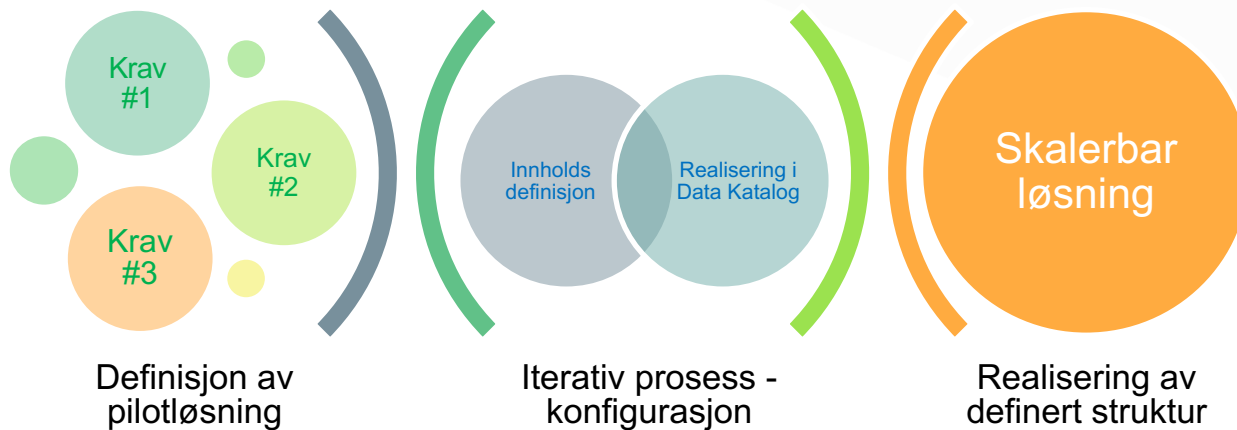
Eksterne brukere



Løsningsscenario #2

Tidslinje

Forslag basert på gjennomføring av pilot med 2-3 kravstillere



-> 2022 – Feb 2023

Jan-Feb 2023

Mars 2023



Vi deler – sjekk ut våre eBook's

Zeenea ressurser

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Zeenea's resources for data-driven businesses

White Paper

The 10 traps to avoid for a successful data catalog project

Discover the 10 traps to avoid for the success of a data catalog project, articulated around 4 themes: data culture, sponsorship, leadership, integration.

[READ THE WHITE PAPER](#)

ALL WHITE PAPER REPLAY TOOLKIT Search

White Paper

THE 10 TRAPS TO AVOID FOR A SUCCESSFUL DATA CATALOG PROJECT

REPLAY

How do Data Catalogs enable successful Data Quality Management?

REPLAY

How does a Business Glossary help organizations establish true Data Literacy?

REPLAY

Accelerate Cloud Data with Integrated ETL

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