

Linking Data Strategy to Business Strategy

How Data Projects can be Prioritized
Based on Potential Impact on Key Business Objectives

Kjetil S. Kalager

VP Data and Insight, Fremtind Insurance



Fremtind

insurance in bank



#1

Bank distribution

#3

Market position

A data-driven approach

The story about ...

- Linking the business strategy and data- and analytics strategy
- A modern data platform
- Data culture



*....and how we stumbled
and what we learned*





STRATEGY

Insurance in bank

To be tomorrow's
Insurance Company

Ambition to be no 1.

Plenty of business initiatives

- Several business units
- Several customer focus areas
- Several products
- supported by data and insight



Data Strategy

Transform Fremtind to be data driven

- Utilize data and analytics
- Advanced machine learning and AI
- Decentralized data culture
- Distributed data organization – moving towards mesh
- From on-prem to cloud



The
Economist

MAY 6TH-12TH 2017

Crunch time in France

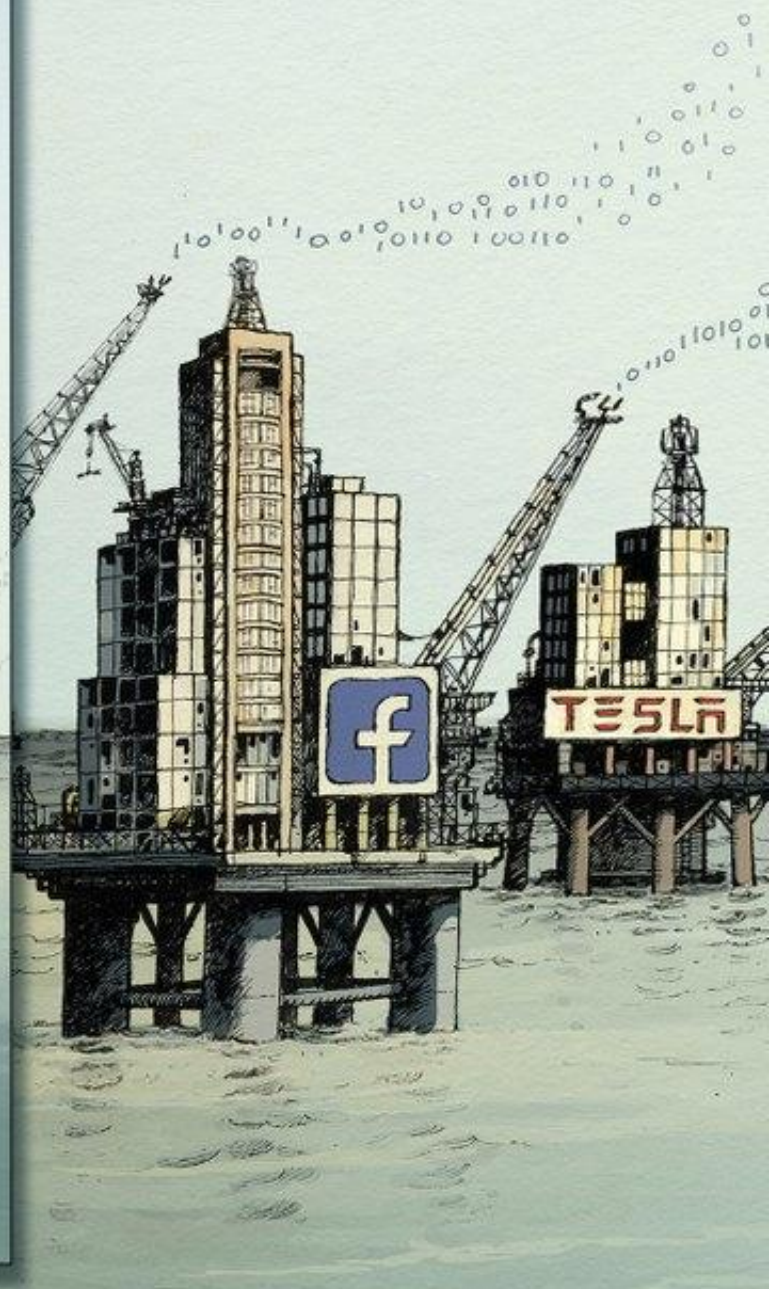
Ten years on: banking after the crisis

South Korea's unfinished revolution

Biology, but without the cells

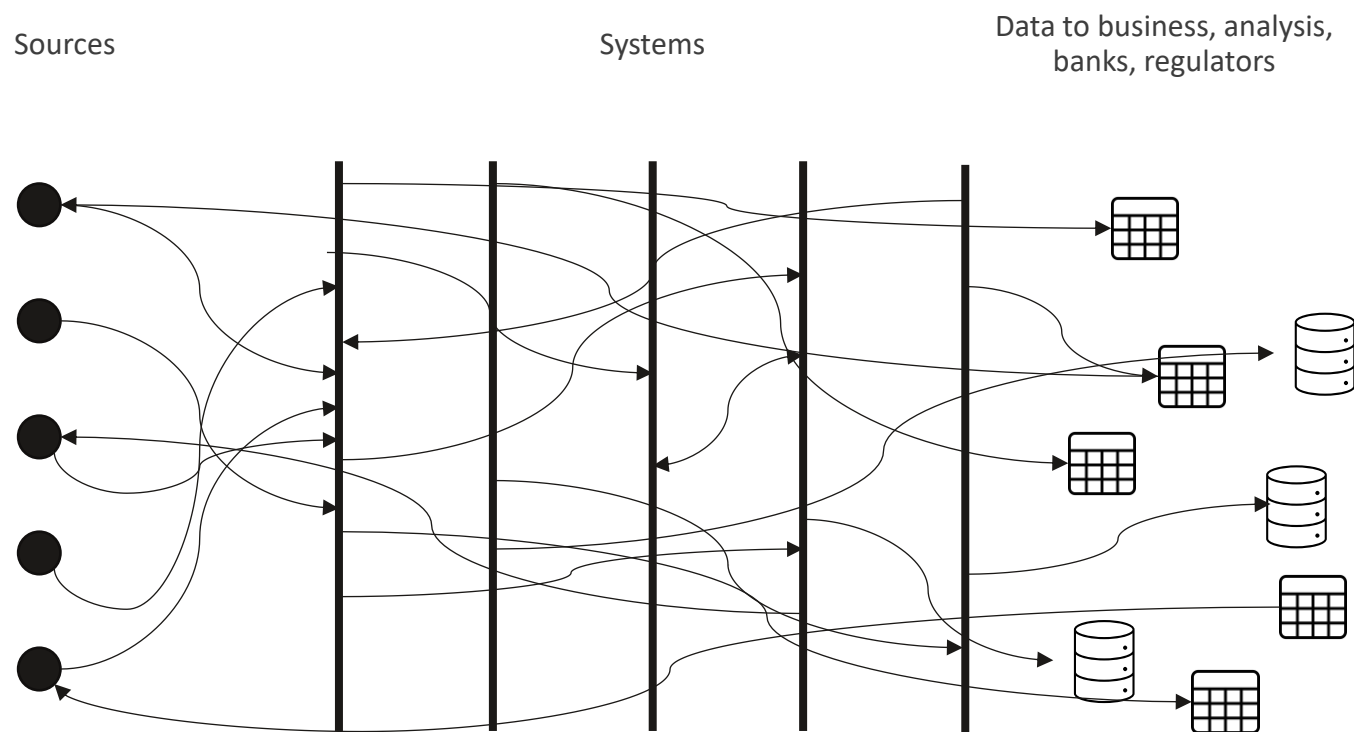
The world's most valuable resource

Data and the new rules
of competition



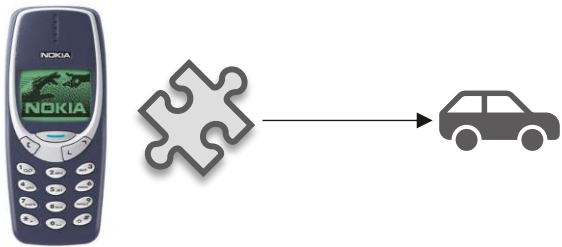
The problem

The on-prem data warehouse has become big and inflexible



The goal – a flexible and fast data platform

The old on-prem platform...



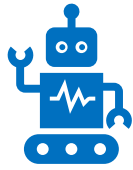
...is slow and inflexible

Tomorrow's platform in the cloud...



...has self service, data ownership, data products,
domain orientation, autonomous teams

The key elements in a modern data- and analytics platform



Technology



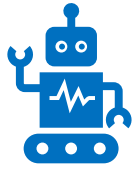
Data



Processes

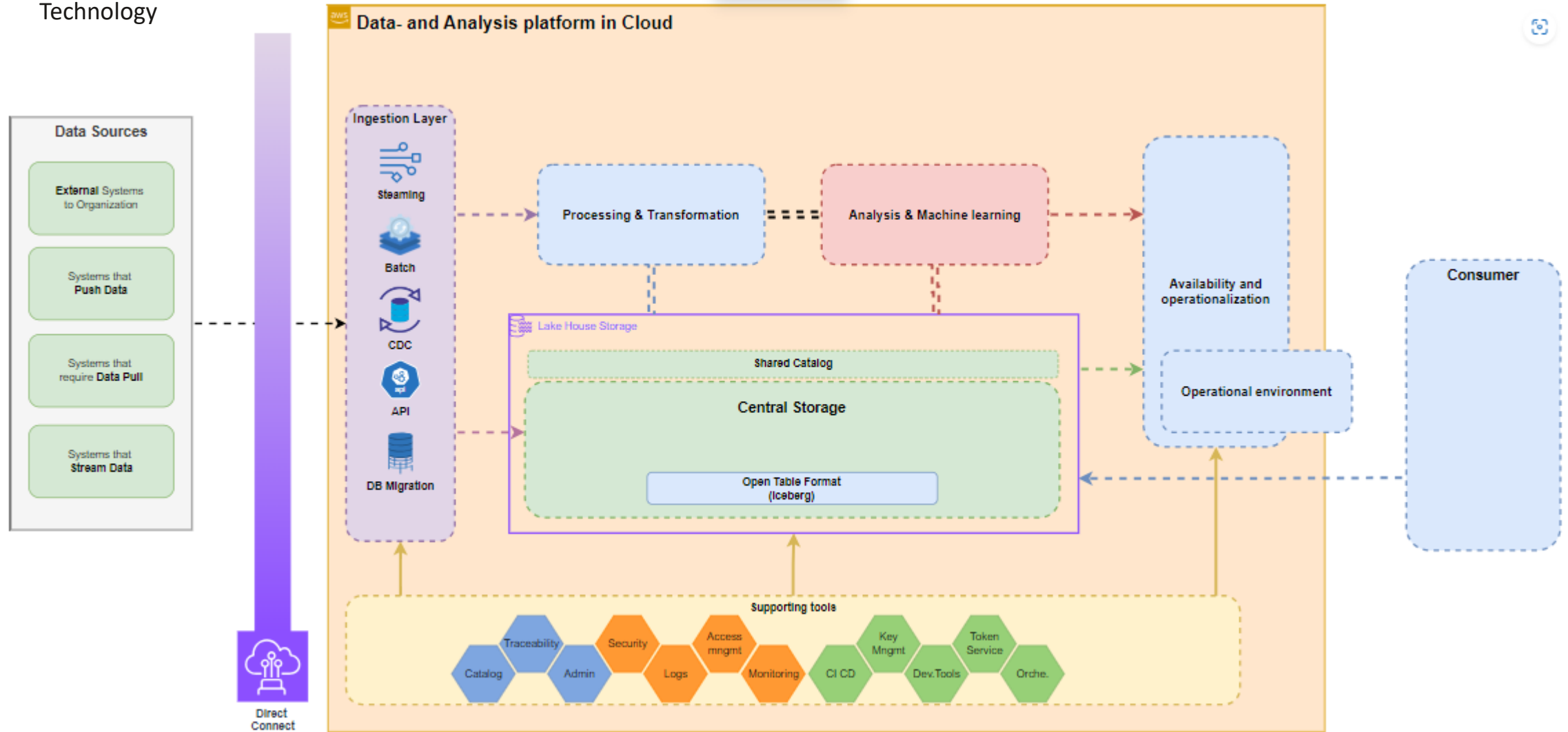


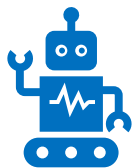
Organization



Technology

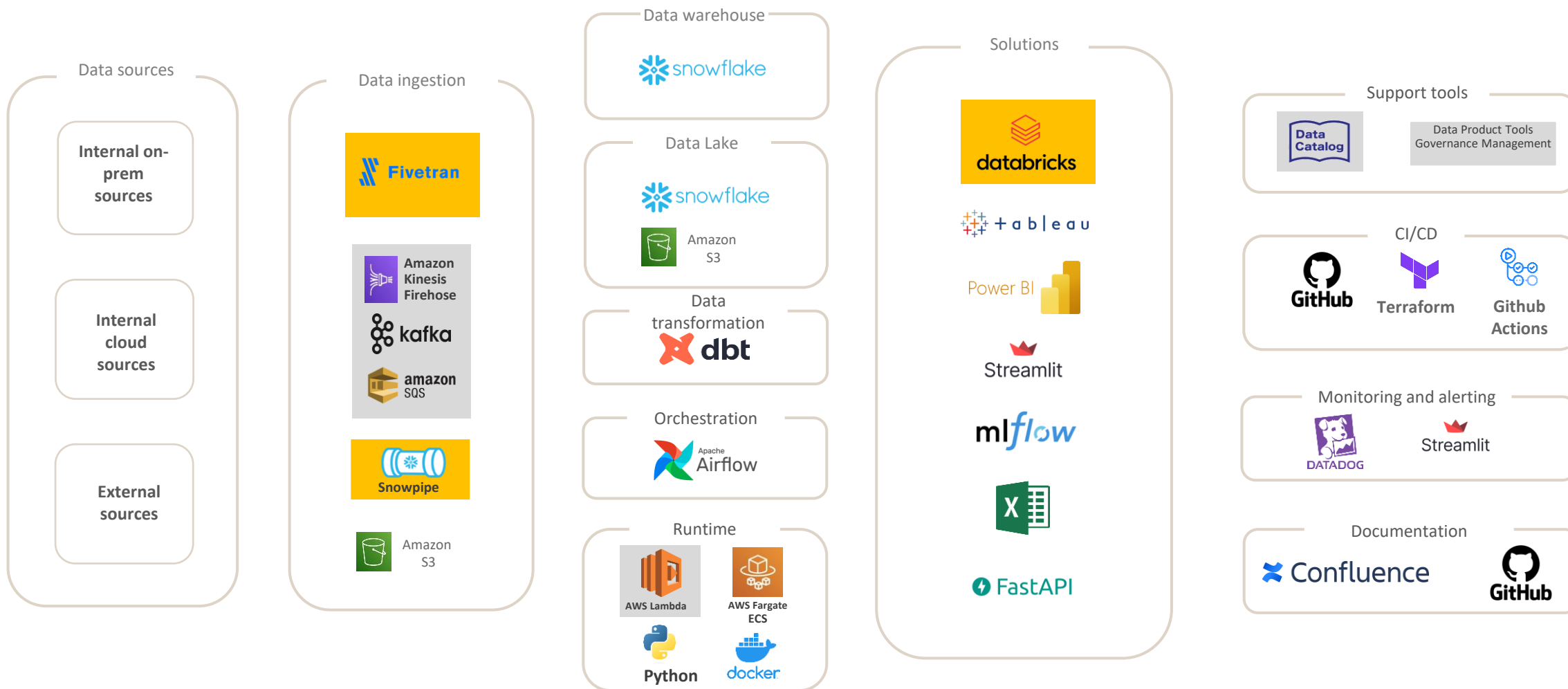
Technical architecture



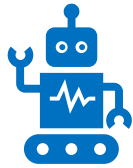


Technology

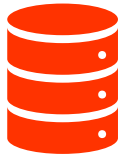
Technologies



The key elements in a modern data- and analytics platform



Technology



Data



Processes



Organization

AS IS



TO BE



Plan




Implement



But....

Where
are we
heading?



A photograph of three young adults sitting on a rocky ledge outdoors. On the left, a young man with a mustache and curly hair, wearing a dark denim jacket over a white t-shirt, is smiling and looking towards the camera. In the center, a young man with glasses and a beard, wearing a white t-shirt, is holding a white cup and making a peace sign. On the right, a young woman wearing a brown hijab and a light-colored button-down shirt is holding a black smartphone to take a selfie. The background features a lush green hillside with trees and a hazy view of a town and mountains in the distance. The lighting suggests it is late afternoon or early morning, with a warm glow and lens flare visible on the left side.

Culture Eats Strategy
for Breakfast and
Transformation for
Lunch.

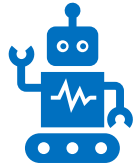
Change network

Business domain leader network
with weekly meetings.

- Create a common understanding.
- Onboarding of domains.
- Ensure ownership to the transformation.



Creating a common understanding of the changes



Technology



Data



Processes

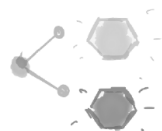


Organization

Principles



Data as a resource

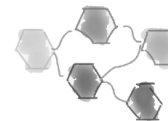


Data as a product

Architecture

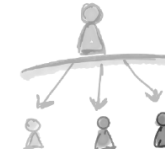


Monolithic



Distributed

Operations



Top-down governance



Shared governance with automation

Data

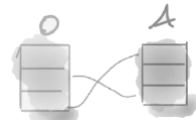


Data from code



Data and code in a data product

Infrastructure



Fragmented platform



Integrated platform

Organization



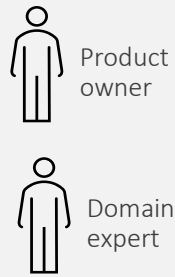
Centralized ownership



Decentralized domain ownership

Organizing the work

Business



Domain A



Domain B



Domain C



Domain C



Use case

Data products

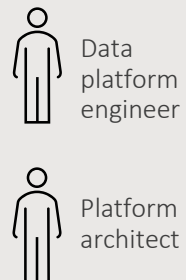
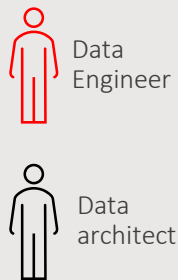
Use case

Data products

Use case

Data products

Platform



Architecture team



Data platform team



Ingest Team



Development team



Key learnings



Get the business on board



Enable business to realize their own strategy



Spend time on architecture



Make sure the use cases build the platform



Get rid of technical debt



“We shape our buildings;
thereafter they shape us.”

Winston Churchill

