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Microsoft Fabric

make your organization
more data-driven

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Today’s speakers

Thomas Andersen

Director & Technology Advisor

Rosa Ryberg

Director & Strategic Advisor

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Agenda

1. Inspari – a brief introduction
2. Data-driven – an inflight
3. What is Microsoft Fabric?
4. What makes Microsoft Fabric Special?
5. Take-aways

valantic

- 4.000 colleagues
- 15 years of experience
- +500 customers
- 400M € in revenue
- 25 locations

*"We **accelerate** the **transformation** of **Digital Commerce"***

*"We **empower** **decisions**, **actions** and **change** through **people** and **data"***

INSPARI
a valantic company

- 180 Data Heroes
- 16 years of experience
- +800 customers
- 30M € in revenue
- 3 locations

valantic

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*"We **accelerate** the **transformation** of **Digital Commerce"***

*We help **organizations grow** with **data** & **digitalization***

*"We **empower decisions**, **actions** and **change** through **people** and **data"***

180 Data Heroes

16 years of experience

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30M € in revenue

3 locations

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Strategy & Transformation

- Management Consulting
- Business Consulting
- Technology Advisory

Data Activation

- **Automation & Application**
- **Analytics**

GenAI & Data Science

Platform & Integration

- Cloud Data Platform
- Data Warehouse
- Data Lake
- Data Integration

Cloud & Infrastructure

- Azure Consumption
- SQL Advisory
- Operations & Support
- Cloud Security
- Specialists

Data-driven
an inflight

Drivers to become data-driven

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A new culture is in town
Meet *Data Culture*

> Besides people, data is the most important asset in our organization

> Data is everyone's responsibility!
> Roles and tasks are clearly defined

> Every one can read, work with, analyze and communicate data

> Management is engaged and prioritizes data initiatives

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quite often the reality is different

Often

- we don’t have data
- we don’t have all data
- we don’t trust data
- we don’t understand data
- we don’t have a common language to discuss data
- we don’t know how to act on data
- we don’t always have fresh data
- …

Then

- we create our own interpretation
- we can’t wait for the “IT department” to build something
- we build something locally
- we default to the tools, we have at hand
- we forget to document it
- we have no automation
- …

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becoming data-driven | **requires people and a culture of working with data**

Strategy
Operating model
Value Proposition
Ownership
Stakeholder Management (WIIFM)
Organization and competences
Vision
Adoption & value add
Strategy
People
Governance
Data
Process
Technology
Operation Model
Architecture
Delivery Model
Infrastructure

tools won't make you data-driven

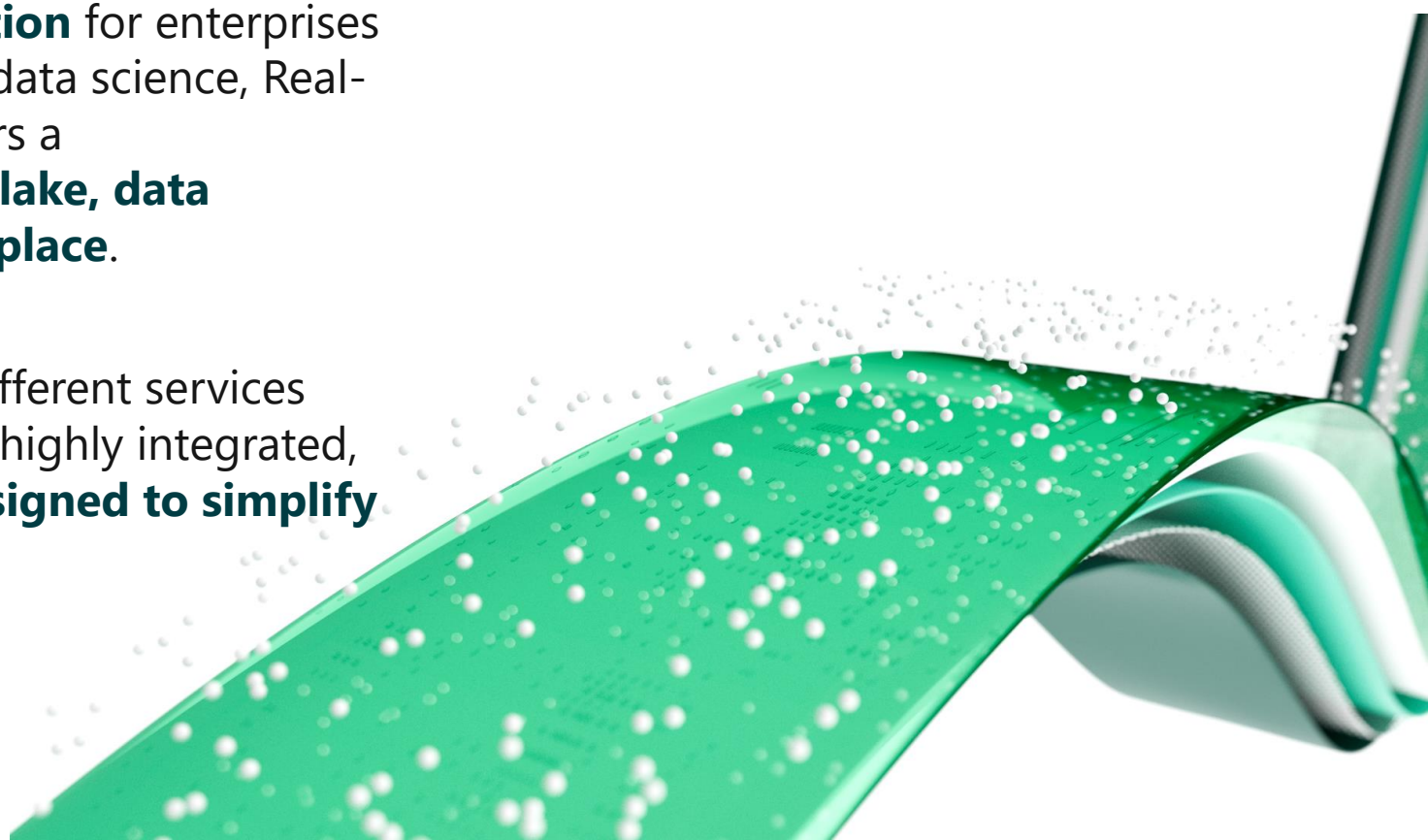
but tools can enable your organization to be data-driven

What is Microsoft Fabric

Data analytics for the era of AI

Microsoft Fabric is an **all-in-one analytics solution** for enterprises that covers everything from data movement to data science, Real-Time Analytics, and business intelligence. It offers a comprehensive suite of services, including **data lake, data engineering, and data integration, all in one place**.

With Fabric, you don't need to piece together different services from multiple vendors. Instead, you can enjoy a highly integrated, end-to-end, and easy-to-use product that is **designed to simplify your analytics needs**.



Key concepts

Complete Analytics Platform

Lake Centric and Open

Empower Every Business User

AI Powered

Software as a Service

Easy and accessible

Frictionless onboarding

Instant provisioning

Quick results w/ intuitive UX

Success by default

Minimal knobs

Auto optimized

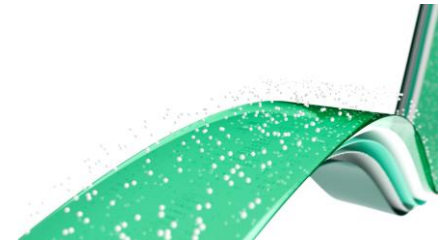
Auto integrated

Centralized administration

Tenant-wide governance

Centralized security

Compliance built-in



Microsoft Fabric at a glance

Data Integration	Data Engineering	Data Warehouse	Data Science	Real Time Analytics	Business Intelligence	Observability
Data Factory	Synapse	Synapse	Synapse	Synapse	Power BI	Data Activator

Unified data foundation
OneLake

UNIFIED

SaaS product experience | Security and governance | Compute and storage | Business model

The new experiences

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OneLake

UNIFIED

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Power BI plays a central role

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UNIFIED

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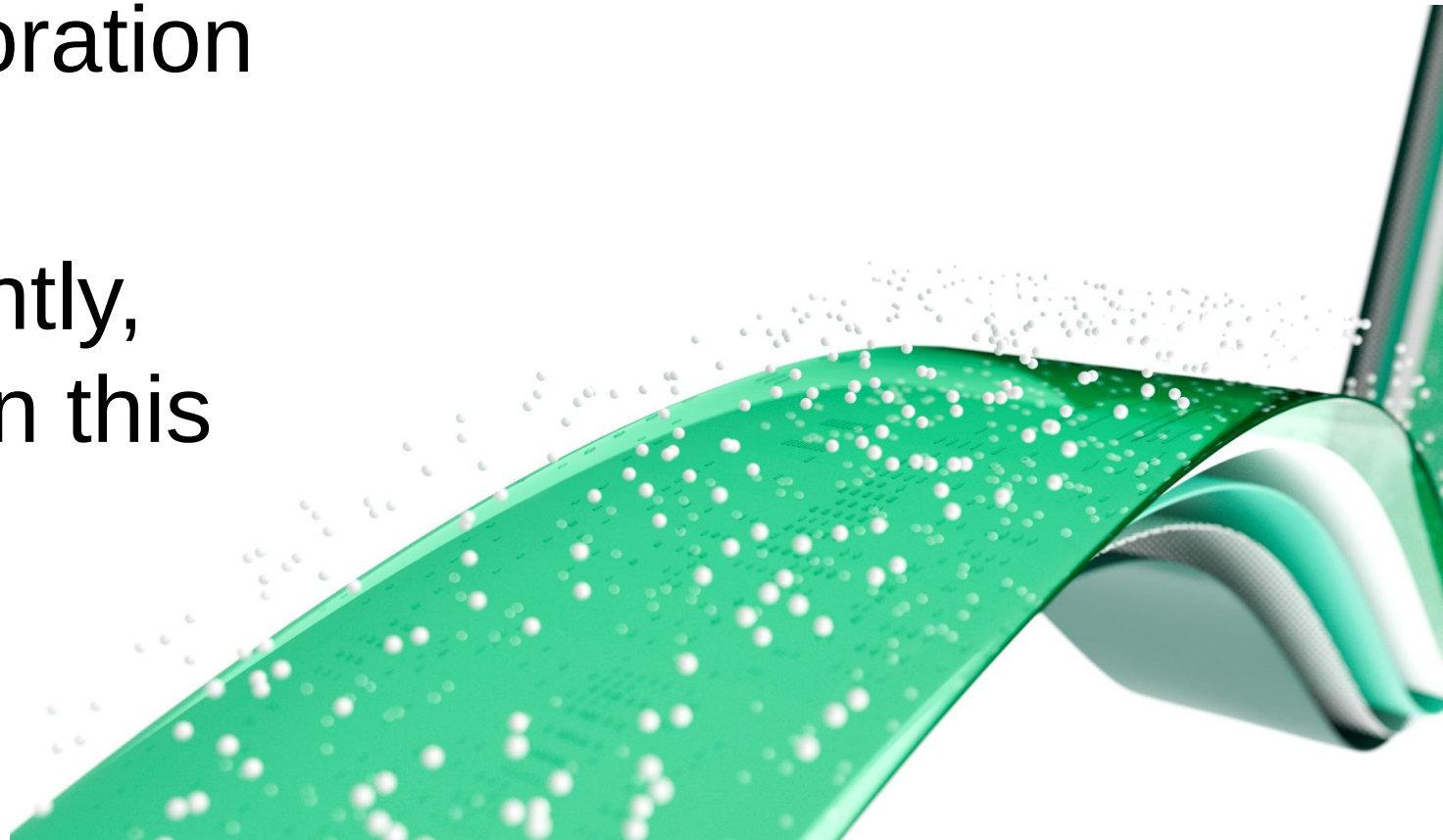
What makes Microsoft Fabric different?

how Microsoft envision
a platform for collaboration

and most importantly,
who can take part in this
collaboration



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Data Engineers

- **Execute faster** with the ability to spin up a Spark VM cluster in seconds, or configure with familiar experiences like Git DevOps pipelines for data engineering artifacts
- **Streamline your work** with a single platform to build and operate real-time analytics pipelines, data lakes, lake houses, warehouses, marts, and cubes using your preferred IDE, plug-ins, and tools.
- **Reduce costly data replication** and movement with the ability to produce base datasets that can serve data analysts and data scientists without needing to build pipelines

Supporting experiences:

Data Factory

Data Warehouse

Data Engineering

Real-time analytics

Serve data via warehouse or lakehouse

Data Scientists

- **Quickly tune a custom model** by integrating a model built and trained in Azure ML in a Spark notebook
- **Work faster** with the ability to user your preferred data science frameworks, languages, and tools
- **Bypass engineering dependencies** with the ability to use your preferred no-code ML Ops to deploy and operate models in production
- **Tap into proven-at-scale models and services** to accelerate your AI differentiation (AOAI, Cognitive Services, ONNX integration, etc).

Supporting experiences

Data Science

Azure ML

Serve transformed data

Data Analysts

- **Avoid slow, progress-stagnating data wrangling** by seamlessly triggering a workflow that can unlock data engineering tools and capabilities quickly.
- **Accelerate your work** with visual and SQL based tools for self-serve data transformations and modeling as well as self-serve tools for reporting, dashboards, and data visualizations
- **Turn data into impact** with industry-leading BI tools and integration with the apps your people use everyday like Microsoft 365

Supporting experiences

Data Warehouse

Real-time analytics

Power BI

Serve insights via embedding

Data Citizens

- **Make more data-driven decisions** with actionable insights and intelligence in your preferred applications
- **Maintain access to all the data you need**, without being overwhelmed by data ancillary to your role thanks to fine grain data access management controls

Supporting experiences

Power BI

Microsoft 365

Serve data via warehouse or lakehouse

Data Stewards

- **Maintain visibility and control of costs** with a unified consumption and cost model that provides evergreen spend optics on your end-to-end data estate
- **Gain full visibility and governance** over your entire analytics estate from data sources and connections to your data lake, to users and their insights

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Data Engineers

Supporting experiences:

- Data Factory
- Data Warehouse
- Data Engineering
- Real-time analytics

Serve data via warehouse or lakehouse

Data Scientists

Supporting experiences

- Data Science
- Azure ML

Serve transformed data

Data Analysts

Supporting experiences

- Data Warehouse
- Real-time analytics
- Power BI

Serve insights via embedding

Data Citizens

Supporting experiences

- Power BI
- Microsoft 365

Serve data via warehouse or lakehouse

OneLake

One data lake for the entire organization
One copy of data for use with multiple analytical engines

Data Stewards

- **Maintain visibility and control of costs** with a unified consumption and cost model that provides evergreen spend optics on your end-to-end data estate
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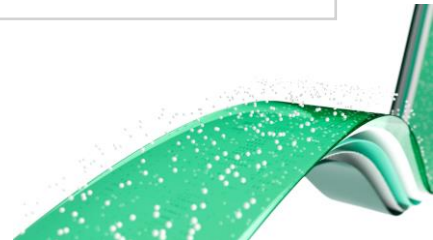
Who can participate

Classic developers

- We have a platform with all the tools needed for the pro-developer
- Many tools will be recognizable as they are known service repackaged but with more features
- The platform stacks up against the competitors, but can do so much more

And many more

- Those who already are familiar with Power BI, will feel right at home
- For those who are comfortable in excel, the leap is not that great
- And for the DIY types who are accustomed to building things, this will be a huge playground



Ideas can be tested and proven by those who had the idea

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That sounds promising, anything we should be aware of?

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”a fool with a tool is still a fool”

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Data literacy is about **empowering** your employees to **utilize data** to make **smarter decisions.**

Read data

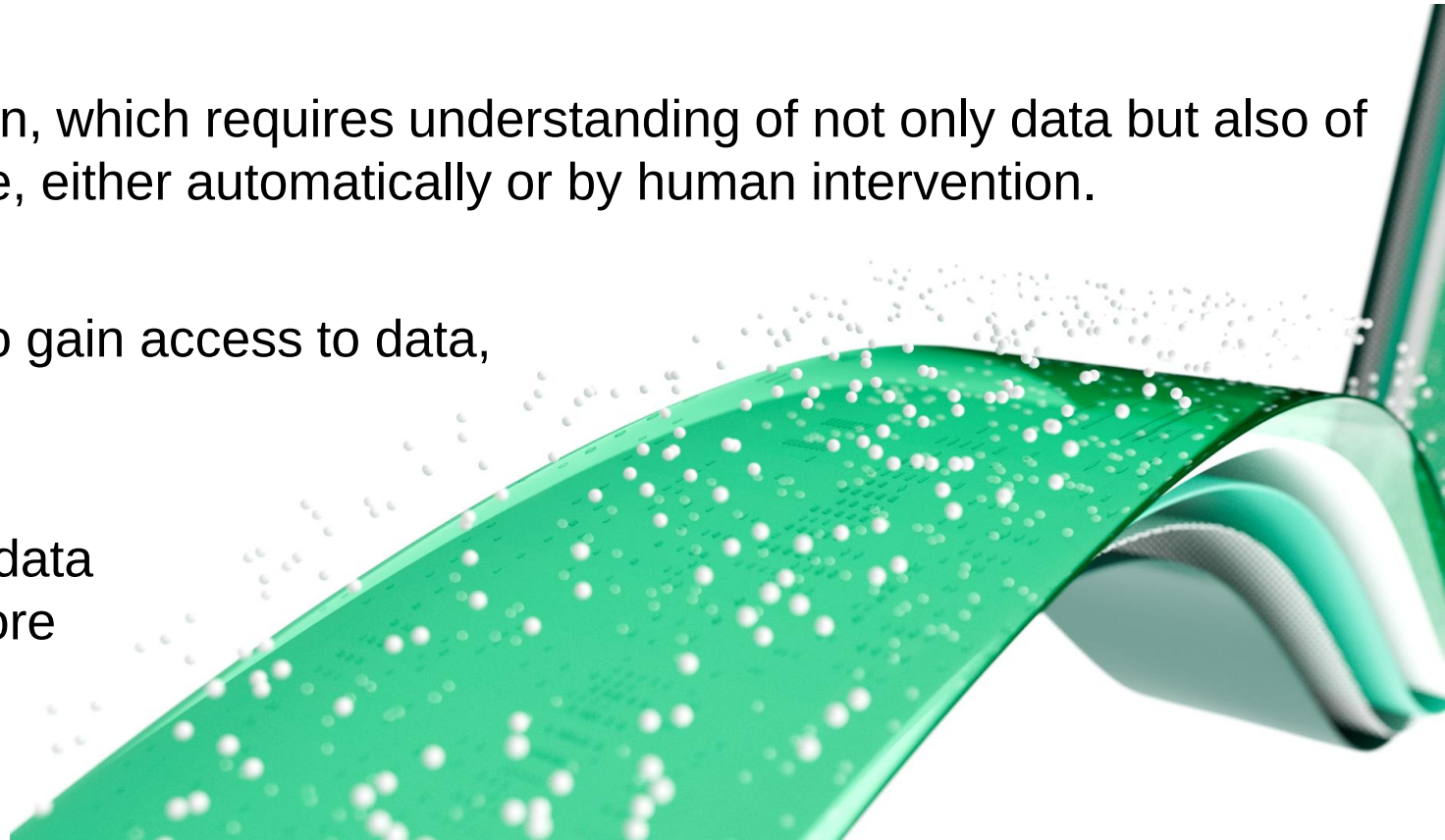
Work with data

Analyze data

Communicate with data

Data-driven yet?

- Microsoft Fabric, or any other tool or platform, will not make you data-driven, but it can enable your organization to be data-driven
- People and processes can be data-driven, which requires understanding of not only data but also of the processes where decisions are made, either automatically or by human intervention.
- Tools and platforms can make it easier to gain access to data, process data and make data available
- Microsoft Fabric just made working with data more accessible than we have seen before



Your next questions

1. How does Fabric fit into our existing solution?
2. Can Fabric coexist with our current platform?
3. Can we transition to Fabric or is it a big bang implementation?
4. Can we please talk some more about how to empower our users?
5. …

Your next action

Contact Inspari for a meeting to talk about concerns and ambitions, next step could be a workshop for further clarification or a pilot where we test it out

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Thank you