



Do what matters

# Real-time Intelligence

The world is exploding with  
high-granularity data...

How do you turn that into  
your competitive edge?

# Avanade's Global Microsoft Fabric Capability

## Services



Data Advisory/Strategy



Data Engineering



Data Migration



Managed Services

## + Skills

Data Engineering

Data Migration

Platform Modernization

Data Governance

Data Protection

AI/Gen AI Accelerators

Real Time Analytics

## Our capability

**2X**

**Faster access to data on cloud & Rapid migration to cloud & enabling** access to enterprise data leveraging phase migration approach



### Talent @ scale

Faster ramp-up with increased **access to SMEs across multiple database technologies & Microsoft Fabric**

**30%**

**Lower cost to serve Industrialized factory model with shared services** for reduced migration journey effort



### Strong alliance partnership

Aligning with partners to create **latest and greatest Azure Data experience**

**7000+**

Globally Trained Fabric Professionals

**100+**

Planned Certification(Q2)

**300+**

Certified from Advanced Technology Centers

**25+**

Fabric SME's Enabled

**150+**

Trained Fabric RTA Professionals

Fabric Self based learning Link [Fabric University](#)



**>60,000 employees**



**80 locations** 25 countries



**46%** of Global 500 companies are clients



#1 Microsoft Partner for client data work (Azure Data Services)

### Our clients include



# Getting value from systems is hard



**Complex array of products and data formats from multiple vendors** | Open source, Hybrid, Managed Services



**Integration is fragile, complex, and expensive and data is siloed** | Global Bank 20k Data sources



**Challenging to act on highly granular data in time and space** | Global Telco expects <10s latency on 25TB/day data volume



**Lack of tools to easily model their world using real-time data** | An energy provider has complex integration of tools



**Developers required to leverage the power of AI to extract insights** | Copilots are proving the productivity and quality uplift for the developers

**92% of employees believe their organization needs to shift to an AI-first operating model within the next 12 months to stay competitive and meet customer expectations**

[Avanade AI Readiness Research Report, Nov. 2023](#)

## Before Microsoft Fabric Real-Time Analytics

Data **aggregated & only accessible** to business users/analysts through a front-end/self-service layer such as **Power BI**.

**Plumbing** required to stitch together capabilities, manage **data formats and schemas**, and combine data

Lack of real-time and observational data out-of-the-box. Friction in getting started and lighting up a meaningful end-to-end

Data silos and duplicates as **teams work on their own copy of data for analysis**. Lack of lightweight modeling tools and AI to empower data citizens and free up developers

## Microsoft Fabric Real-Time Analytics

**Reduced Complexity:** Simplified integration, ingesting and loading data from any source & format

**Reduced effort:** No need to build complex data models or create custom scripts for data transformation

**Quick access to insights:** Provisioning takes seconds, automatically streaming & indexing data, partitioning for any data source or format - simplifying user experience

**High performance:** Query raw data directly without transformation, whether your data is structured or unstructured

**Scalability:** scaling seamlessly without infrastructure limitations.



**How exactly is Fabric different?**

# Real Time Use Cases

## Marketing/Operations

**Business Use Case:** Launching of a campaign, process, approach, understanding impacts, adaption & adoption

**Real Time Analytics:** Identify & action upon the impact & resolutions eg: stock shortages, scaling productivities, cost & increased revenue, waste avoidance

**Value:** Promoting agility, competency and competitive advantages. Pathways to AI, Application integration, & Process Automation

## Patient/Client Service

**Business Use Case:** Receipt of feedback submission from the public

**Real Time Analytics:** Risk identified, triggering task, Patient still in pain, building fault, product anomalies (health/defects/calculations

**Value:** Speed to resolution, improvement of services, avoidance of reputational damage. Pathway to AI, IOT integration & Process Automation

## Personalised Services

**Business Use Case:** Understanding your client to improve and increase revenue streams

**Real Time Analytics:** Detecting anomalies. Personalising care or promotions. Product development.

**Value:** Increased market share, customer 360, connected client records, innovative products & services, client data accessibility. Pathway to AI, integration

**Cybersecurity:** Detecting and responding to threats in real time.

**Predictive Maintenance:** Optimizing asset maintenance schedules

**Supply Chain Optimization:** Improving logistics and inventory management

**Customer Experience:** Enhancing personalized interactions

**Sustainability:** Monitoring and optimizing energy usage.

Health & Security: Ensuring workplace safety



# Microsoft Fabric Enablement & Transition to SaaS

Work together with Avanade to understand and realize the full potential of the Microsoft Fabric platform.

Avanade will join your team on-site (or remote) to give you an overview of Fabric and what it means to your existing Azure Data Platform, including changes to the technical architecture and how this affects the ways of working.

We will then assist you in benefiting from Fabric as soon as possible via a short initial activation phase. We will also ensure you setup and structure Fabric in the right way to avoid any potential future pitfalls.

## Avanade team involved:

Advisory Lead, Analyst, Technical Architect, Fabric Admin SME

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## Day 1: Data Discovery & Use Case Deep Dive

- Preparation of data set, use case, success criteria
- Technology, Scope & Milestones
- Business case
- Create Activity Plan - Execute

2

## Day 2: Execute

Execute Activity Plan

- Design
- Build use case
  - Ingestion, processing & visualization

3

## Day 3: Test & Go Live

- Test pipeline
- Evaluate success criteria & refine
- Demonstration & handover
- Agreement Proposal for live implementation

## Deliverables

- Hands-on training and usage of the tool
- Creativity boost for extended usage
- Delivered RTA Use Case at speed