Microsoft Fabric
Our approach to a lean & agile 4-week proof-of-concept

velrada
AN NRI COMPANY

Business First.
Technology Second.

THAT'S THE POINT

Introduction

Velrada have experience in implementing Azure Data and Microsoft Fabric solutions– which makes us the perfect partner to assist you with this endeavour.

Our deep experience in Asset Intensive industries, Healthcare, Utilities, and Local Government allows us to apply real-world to the technology solution being implemented.

Furthermore, our globally recognised capability with Microsoft Dynamics 365 and Power Platform makes us the choice partner to expand the data & analytics capabilities of your investment.

Velrada have designed a lean and rapid Proof-of-Concept process to jumpstart your adoption of Microsoft Fabric to ensure it delivers return on investment to your organisation within weeks.

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1) Introducing Microsoft Fabric

2) Our "Proof of Concept" Approach

3) 4-Week Engagement Overview

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Microsoft Solutions Partner
Business Applications
Data & AI
Digital & App Innovation
Modern Work

Microsoft

Microsoft Gold Partner
Gold Application Development
Gold Application Integration
Gold Cloud Business Applications
Gold Cloud Platform
Gold Cloud Productivity
Gold Collaboration & Content
Gold Data Analytics
Gold Data Platform
Gold Datacenter

Gold Enterprise Resource Planning
Gold Project & Portfolio Management
Gold Security
Advanced Specialization –
Windows Server &
SQL Server Migration to Azure
Advanced Specialization –
Low Code Application Development

Microsoft

Microsoft Partner
2023 Microsoft ANZ Business Applications & Industry Winner

2023 Partner of the Year Finalist
Microsoft Mixed Reality & Microsoft Dynamics 365 Services

2022 Partner of the Year Finalist
Microsoft Dynamics 365 Customer Service & Field Service Partner of the Year Award

Microsoft

2023/2024 INNER CIRCLE
for Microsoft Business Applications

wiise
2023 NFP Partner of the Year Award Winner

Victorian iAWARDS 2023
Business and Industry Solution Winner

Introducing Microsoft Fabric

Introducing Microsoft Fabric

Data Integration	**Data Engineering**	**Data Warehouse**	**Data Science**	**Real Time Analytics**	**Business Intelligence**	**Applied Observability**
Data Factory	Synapse	Synapse	Synapse	Synapse	Power BI	Data Activator
Combines the ease of use of Power Query with the scale and Power of Azure Data Factory to leverage 200+ native connectors to data sources on premises and in cloud.	World-class Spark platform with great authoring experiences to empower data engineers to transform data at scale.	Industry leading SQL performance and scale, fully separating compute from storage for independently scaling and natively storing data in open Delta Lake.	Build, deploy, and operationalise machine learning models directly within Fabric to empower data scientists and analysts with predictive insights.	Best-in-class engine for observational data analytics to create actionable insights from real-time data.	The world's leading business intelligence platform empowers users to quickly and intuitively to make better decisions with data.	Instantly respond to new data and insights through a system of detection that automatically alerts your team with relevant information.

Powered by AI with Copilot in Microsoft Fabric

Unified data foundation
OneLake

Persistent data governance and security
Purview

Data Platform for Low-Code Solutions

Dataverse

The intelligent, scalable, low-code platform that manages data and business logic across Microsoft Dynamics 365 and Microsoft Power Platform.
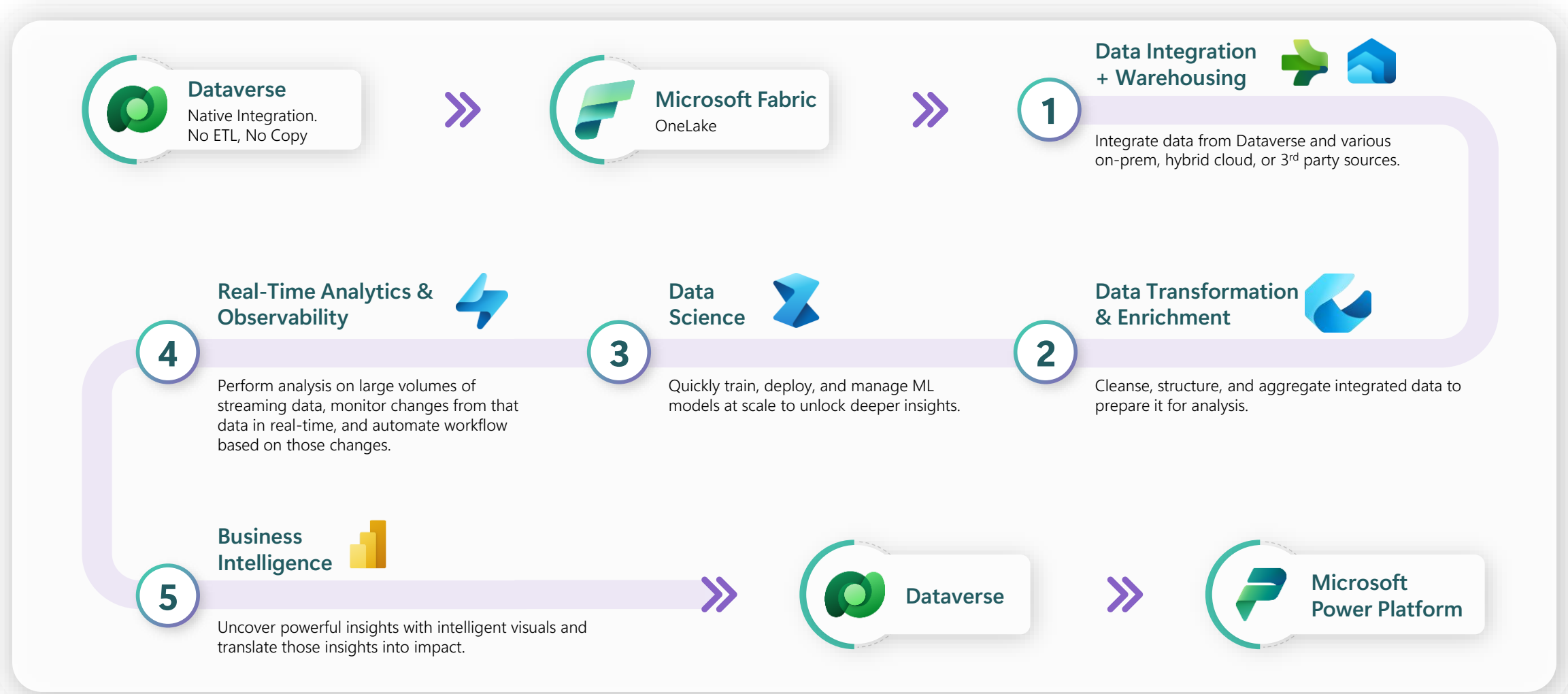
Microsoft Fabric

The one-stop-shop for data integration, data engineering, real-time analytics, data science, and business intelligence across all your organizational data.

Native Integration

Transform your Data Platform into Capability

Dataverse
Native Integration.
No ETL, No Copy

Microsoft Fabric
OneLake

**Data Integration
+ Warehousing**

1 Integrate data from Dataverse and various
on-prem, hybrid cloud, or 3rd party sources.

**Real-Time Analytics &
Observability**

**Data
Science**

**Data Transformation
& Enrichment**

4 Perform analysis on large volumes of
streaming data, monitor changes from that
data in real-time, and automate workflow
based on those changes.

3 Quickly train, deploy, and manage ML
models at scale to unlock deeper insights.

2 Cleanse, structure, and aggregate integrated data to
prepare it for analysis.

**Business
Intelligence**

Dataverse

**Microsoft
Power Platform**

5 Uncover powerful insights with intelligent visuals and
translate those insights into impact.

Our Proof-of-Concept Approach

What is a Proof of Concept?

> A **PoC** is a structured, time-constrained process that allows teams to rapidly solve complex problems, design innovative solutions, and validate ideas through prototyping and user testing. It allows for thoughtful effort, with tangible outputs, to explore a concept before fully committing to it.

Discover

Identify business needs, data sources, data maturity, and key stakeholders to define the scope and objectives

Design

Create a detailed solution architecture, outlining the data workflows, components, and configurations needed

Build

Develop the core elements of the PoC, configuring Microsoft Fabric to handle data ingestion, transformation, and visualisation

Showcase

Demonstrate the outcomes to key stakeholders. Drill down into how the components were configured, opportunity for further value, and any refinements.

Roadmap

Plan the next steps for scaling the Fabric PoC into a long term strategic direction. Plan for data, process, governance, people and outcomes.

Week 1 | **Week 1-4** | **Week 4**

This engagement is laser focused on implementing a Fabric workload.
We also strongly recommend our Microsoft Fabric Readiness Assessment that can be done before, in parallel, or after this PoC.

Scope of Building a Proof of Concept

During the Build phase, Velrada consultants will configure Microsoft Fabric components within your Microsoft Fabric environment.

The following items may be within the scope of a 4-week engagement:

- Configure OneLake in a best practice manner for agreed data sources.

- Create Data Pipelines to ingest data from relevant data sources (up to 3).

- Build a basic Semantic Model to establish a Data Lakehouse.

- Prepare a light Data Science workload to showcase its capability.

- Author basic Power BI reports (between 1-2) using Microsoft Fabric as a source.

- Configure Fabric's administration, security, and governance features to showcase capability.

- Configure PoC user cohort into the dedicated workspace to interact with the components.

We want this to be a collaborative build process.

Throughout this phase, Velrada consultants we will demonstrate how these components have been configured to ensure there is a strong collaboration and knowledge sharing. We propose short standups each day to ensure this.

Other Outcomes of a Fabric Proof of Concept

In addition to a PoC demonstration of capability to provide our clients with confidence in the technology, we have witnessed the following additional outcomes with customers:

- Assert technical feasibility of the Microsoft platform components. These can be demonstrated to internal enterprise & technical architects.

- Test connectivity between Fabric and key data sources.

- Estimation of Microsoft licensing footprint to feed into the business case & solution cost analysis.

- Accelerate the proceeding implementation phases of the project – relying on discovery, documentation, and technical artefacts produced in the PoC.

- Stakeholders will have a more confident understanding of the Fabric UI/UX data, capabilities, features, automation, data engineering, reporting and AI.

- Assess skill gaps with the new technology that a training & competency plan can be prepared for. Showcase how Copilot within Fabric can assist with supporting new makers.

- User Story Backlog in Azure DevOps will be stubbed out and prepared for an additional implementation.

- Further enhance the Data Platform strategy and AI enrichment within the organisation.

- Velrada will have consultants with subject knowledge of the business processes, systems, data, challenges, and desired outcomes that can be leveraged in the proceeding implementation phase.

Microsoft Fabric Proof-of-Concept

4-Week Engagement Overview

Our Implementation Process

MICROSOFT FABRIC – 4 WEEK PROOF OF CONCEPT

1

Discovery & Planning
Initial kick-off workshop to provide a comprehensive introduction to Microsoft Fabric. Additional 2 workshops to discover requirements, validate designs, and agree on a workload for implementation. Onboard Velrada consultants with access to commence implementation.

2

Implementation & Configuration
Agile implementation of the agreed Microsoft Fabric workload within your tenant. Participation in daily standups to get insights into progress as well as learn how we have done it. The solution will include OneLake, data ingestion, semantic model, and visualisations.

3

Showcase & Handover
Perform an end-to-end showcase of the agreed solution in Microsoft Fabric. Deep dive into technical elements and postmortem any challenges faced. Ensure client has access to components within the workspace/s. Update solution design documentation to as-built.

4

Roadmap
Discuss opportunities, challenges, and current data landscape to draft a high-level roadmap on how your organisation can further invest in the value Microsoft Fabric can yield. Map out licensing footprint.

Engagement Overview

MICROSOFT FABRIC – 4 WEEK PROOF OF CONCEPT

Engagement Length

Generally delivered over 4 weeks
- Week 1: Discovery & Design
- Week 2 - 4 – Implementation
- Week 4 – Showcase & Handover

Investment

- Engagement start at AUD $75,000 (excl. GST)
- Available in both fixed-price and time & materials
- Not inclusive of Microsoft licensing
- Microsoft funding can be available – *if applicable*
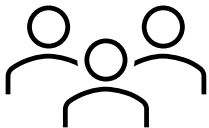
Session Delivery

Engagement can be delivered either:
- In person (your office or Velrada's)
- Remotely using Microsoft Teams

Pre-Requisites

- Client must be prepared for participating workshops to perform discovery & planning.
- Ability to showcase current usage of Data Platforms (if any) and required analytical workloads for data estate.
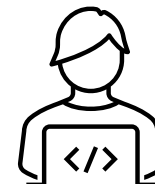- Provision access & licensing to Velrada for implementation.

Client Participants

The engagement is collaborative & benefits from your input by:
- IT strategy & architecture leadership.
- CRM/Sales system custodians.
- Sales team leaders.

Velrada Resources

Our experienced resources utilised in this engagement:
- Delivery Manager
- Microsoft Fabric consultant
- Data Platform Architect

Progress is impossible without change.

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**PROGRESS
IS THE POINT**