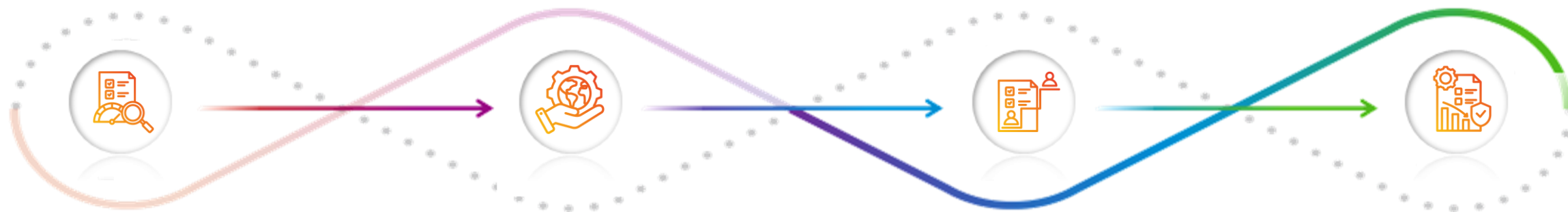


# Fabric Assessment & Pilot Implementation Framework



Align on  
**vision & strategy**

## Discover

- Conduct interactive sessions to gather insights on the organization's data analytics objectives, challenges, & aspirations.
- Evaluate the existing data management and analytics framework to identify integration points and enhancement opportunities with Fabric.
- Identify all relevant data sources that will be integrated into Fabric, ensuring comprehensive data coverage.
- Define the scope and objectives of the Microsoft Fabric pilot implementation, tailored to your specific needs & goals.

Design  
**the reference architecture**

## Design

- Conduct comprehensive analysis of existing data sources and models to identify opportunities for integration and optimization within Microsoft Fabric.
- Evaluate the potential for leveraging real-time analytics, AI, and machine learning to address complex business challenges.
- Establish a clear plan, including timelines and milestones, for the pilot phase of Microsoft Fabric deployment.

Validate the  
**solution with use case**

## Pilot

- Setup Fabric including CI/CD pipelines.
- Integrate data sources into OneLake data repository.
- Data standardization and normalization utilizing Fabric Spark.
- Create LakeHouse by integrating lake and data warehouse architectures.
- Develop semantic models to facilitate self-serve Business Intelligence.
- Validate the solution by executing test scripts.
- Implement Microsoft Purview for data governance.
- Establish robust security protocols to protect sensitive data & ensure regulatory adherence.

Present  
**business value**

## Present

- Comprehensive training sessions for your team to effectively manage and maintain the Microsoft Fabric platform.
- A detailed review of the Microsoft Fabric implementation against the initial objectives.
- A strategic blueprint for ongoing monitoring, governance, and enhancement of the platform, supporting improvements and adaptation to evolving business needs.

# Deliverables & Value Proposition

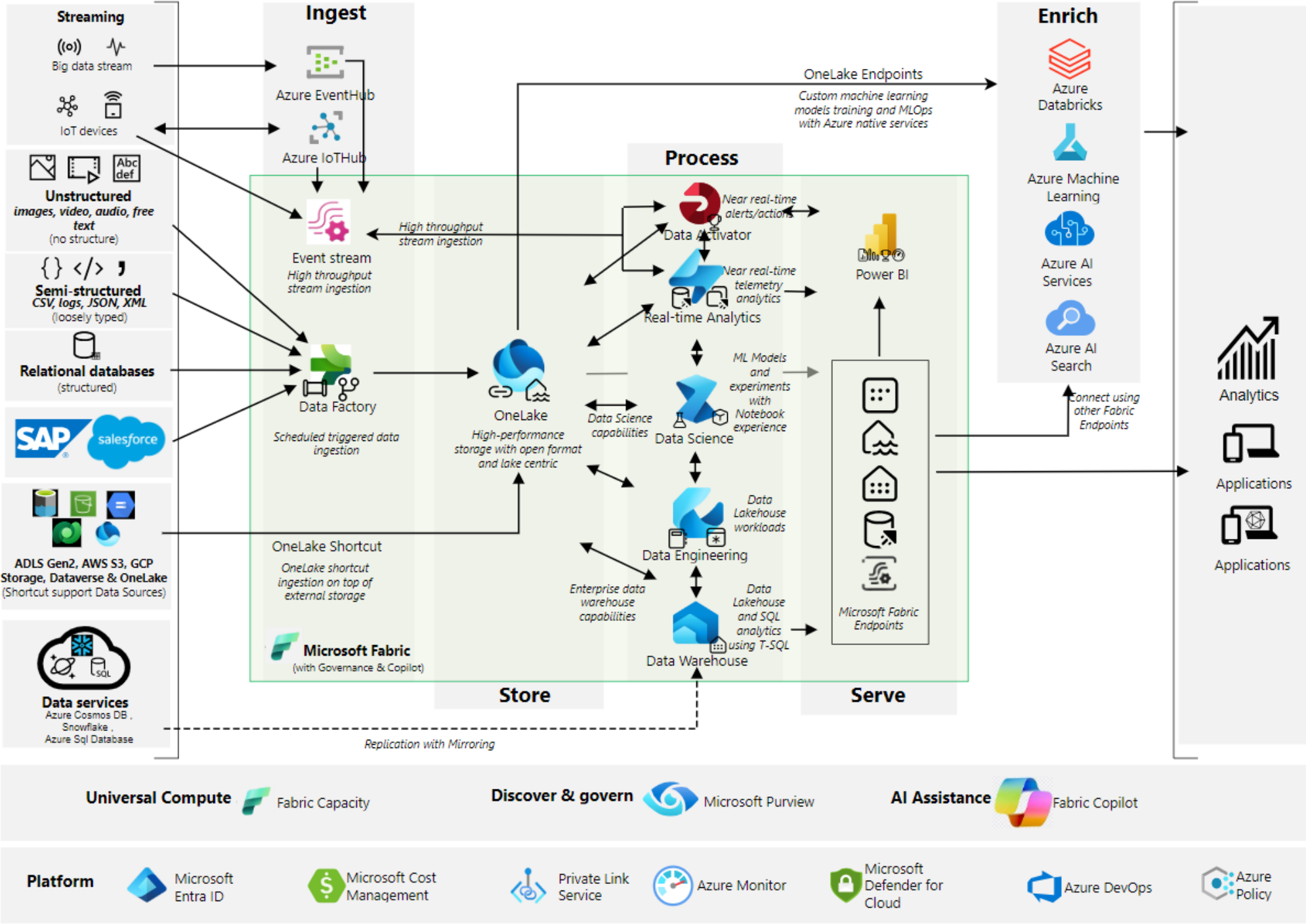
## Deliverables

- **Pilot Project Execution:** Demonstrate the comprehensive capabilities of Microsoft Fabric, complete with a Power BI report, data model, and optimized data pipelines to enhance organizational operations.
- **Comprehensive Documentation:** Detailed guides and documentation covering the implemented features, best practices, and operational guidelines to maximize the use of Microsoft Fabric.
- **Scalable Architecture Design:** A custom Microsoft Fabric architecture design that aligns with your data needs and growth objectives, including a detailed cost analysis.
- **Enterprise-Ready Data Platform:** A fully operational, modern data platform that leverages Microsoft Fabric for your end-to-end analytics and data needs.
- **Medallion Data Architecture:** A medallion data architecture aligned to your organization's data and analytics needs.
- **Data Maturity Roadmap:** A strategic roadmap for both short-term and long-term goals to guide your organization through your data maturity journey.
- **Self-Service BI Enablement:** A semantic model and best practices for empowering users with self-service BI capabilities through Microsoft Power BI.

## Value Proposition

- **Strategic Empowerment:** Gain a competitive edge with Microsoft Fabric, aligned with the well-architected framework to transform data into actionable insights for strategic decision-making.
- **Expertise and Enablement:** Elevate your team's capabilities through customized training and expert guidance, ensuring mastery over Microsoft Fabric for operational excellence.
- **Adherence to Best Practices:** Implement Microsoft Fabric with confidence, leveraging our commitment to industry best practices in data governance, security, and efficiency.
- **Future-Ready Foundation:** Lay a scalable foundation for digital transformation, poised for growth and innovation with a solution tailored to your organization's evolving needs.
- **Transformative Insights:** Unlock the full potential of your data, driving operational improvements and sustainable competitive advantage with strategic insights and analytics.

# End-to-End Analytics using Microsoft Fabric Reference Architecture



# Medallion Architecture on Microsoft Fabric

