Data platform and Power BI Center of Excellence: 6-week implementation

Establish best practice-based policies, processes, and procedures wherever you are in your Business Intelligence journey.

Making technology work

Business contexts → **Peripheral and core automation** → **Value from technology**

Enterprise architecture

Services verticals
- Construction (EPC/AEC/Realty)
- Energy, utilities, and infrastructure
- Professional services
- Manufacturing
- Education and non-profits

Representative solutions
- Customer engagement
- Work and operations management
- Leveraging data

Technology expertise
- Business Applications
- Data & AI
- Cloud

Microsoft Solutions Partner
Business Applications

Microsoft Solutions Partner
Modern Work

Microsoft Solutions Partner
Data & AI
Azure

Microsoft Solutions Partner
Digital & App Innovation
Azure

sitecore
Silver Partner

Making technology work

Realizing value

- **Enterprise architecture-based** core and peripheral automation

- Rich repertoire of **intellectual assets**

- **AI-enabled** teams and development

- **Comprehensive decomposition** of business needs and technical execution steps

- Robust **talent management**

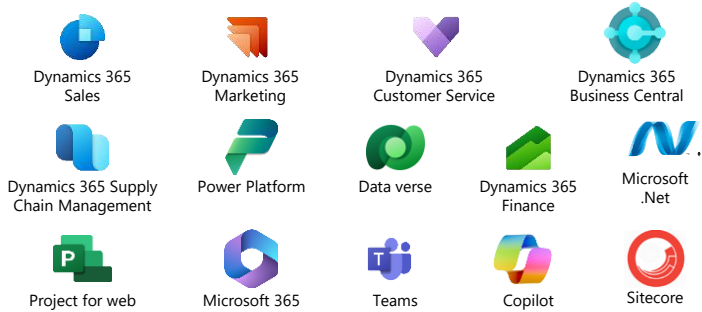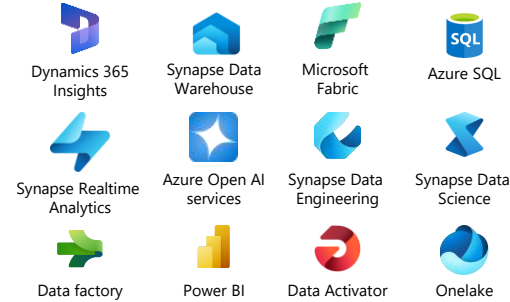*Our promise*

Care
Context
Competence

Driving benefits

- **Reliable** project execution and delivery

- Faster and deeper **technology adoption**

- **Better value** from existing technology investments

- **Extensibility** and **upgradability**

- **Accelerated digital transformation journey** with minimum distraction and disruption.
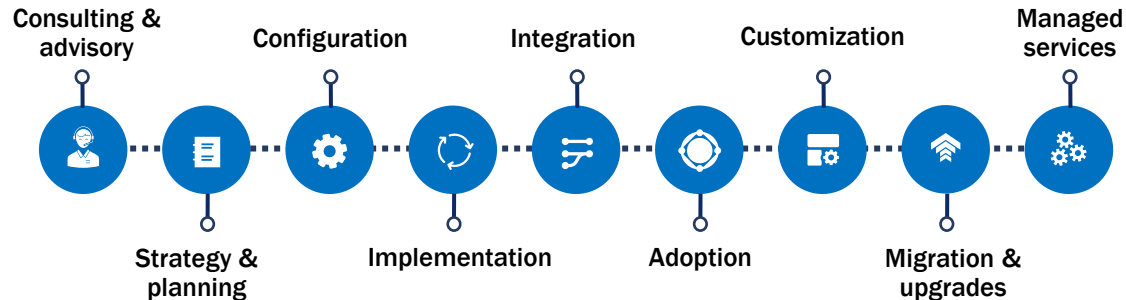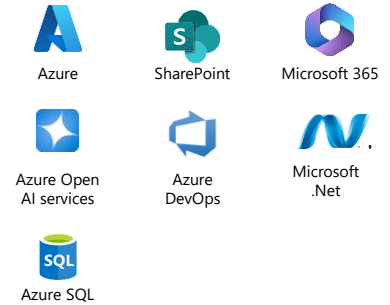
Advaiya expertise and engagement areas

Business applications

- Dynamics 365 Sales
- Dynamics 365 Marketing
- Dynamics 365 Customer Service
- Dynamics 365 Business Central
- Dynamics 365 Supply Chain Management
- Power Platform
- Data verse
- Dynamics 365 Finance
- Microsoft .Net
- Project for web
- Microsoft 365
- Teams
- Copilot
- Sitecore

Data & AI

- Dynamics 365 Insights
- Synapse Data Warehouse
- Microsoft Fabric
- Azure SQL
- Synapse Realtime Analytics
- Azure Open AI services
- Synapse Data Engineering
- Synapse Data Science
- Data factory
- Power BI
- Data Activator
- Onelake

Cloud

- Azure
- SharePoint
- Microsoft 365
- Azure Open AI services
- Azure DevOps
- Microsoft .Net
- Azure SQL

- Consulting & advisory
- Strategy & planning
- Configuration
- Implementation
- Integration
- Adoption
- Customization
- Migration & upgrades
- Managed services

Peripheral automation

- Accelerate the digital transformation journey with minimum distraction and disruption.
- Scale and adapt to changes in core systems
- Robust, reliable core systems with agile elements

- Optimize workflows and reduce manual tasks
- Break down silos and encourage team involvement
- Work with new tech and AI innovations

Solutions Competency

- Microsoft Gold Data Analytics partner for more than 8 consecutive years

- Data and AI solution competency from Microsoft

- Skilled team of data analyst, data engineers, Data Scientist, designers

- Experience of delivering large and complex solutions

- Conducting X in a Day workshops with Microsoft

Microsoft **Solutions Partner**
Data & AI
Azure

Microsoft **Partner** | Gold Data Analytics
Microsoft

Data platform and Power BI Center of Excellence

Ready to elevate your Data platform and Power BI approach and unlock its full potential?

Envision a future where data is your most powerful asset, driving effective decision-making through insights. A robust data platform is crucial for maintaining a competitive edge. Our service is designed to help you fully leverage your data, ensuring it is accurate, accessible, and actionable. Achieve this with our Data Platform and Power BI Center of Excellence implementation.

A Center of Excellence (CoE) is a specialized team providing guidance and expertise on specific subjects. As a designated Microsoft solutions partner for Business Applications and Data & AI, we are recognized for our expertise in implementing Business Intelligence and data analytics solutions. Advaiya's Data Platform and Power BI Center of Excellence (CoE) delivers enterprise-class best practices and governance for the self-service era.

Our comprehensive 6-week implementation is crafted to establish best practices, policies, and processes, ensuring the health and success of your Power BI deployment across the enterprise.

Benefits

- Empower your organization to make data-driven decisions confidently.
- Equip team members to independently utilize and benefit from BI and data platform.
- Ensure consistent data governance and compliance.
- Enhance data literacy across the organization, maximizing Power BI's potential.

Data platform and Power BI Center of Excellence
6-week Implementation plan

Week 1-2: Needs assessment and goal setting

- Kick off meeting with CoE stakeholders.
- Interview with stakeholders to understand vision, strategy and specific pain points.
- Discussion with IT for infrastructure and application understanding.
- Data discovery workshop.

Data platform and Power BI Center of Excellence
6-week implementation plan

Week 3-4: Building the foundation

Over the course, our Microsoft certified engineers will collaborate closely with your team to create policies, procedures and process for –

- Data sources and data dictionary
- Data integration areas
- Data storage and transformation
- Building analytical models
- Report creation workflow
- Lifecycle management
- Report modification procedures
- Ownership and approval processes
- Data governance
- Dataset deployment and distribution
- Report development policies

- Data security measures
- Certified datasets
- Data warehousing policies and procedures
- ETL (extract, transform, load) policies and procedures
- Data access policies
- Data dictionary
- Aligning with organizational strategic goals and initiatives
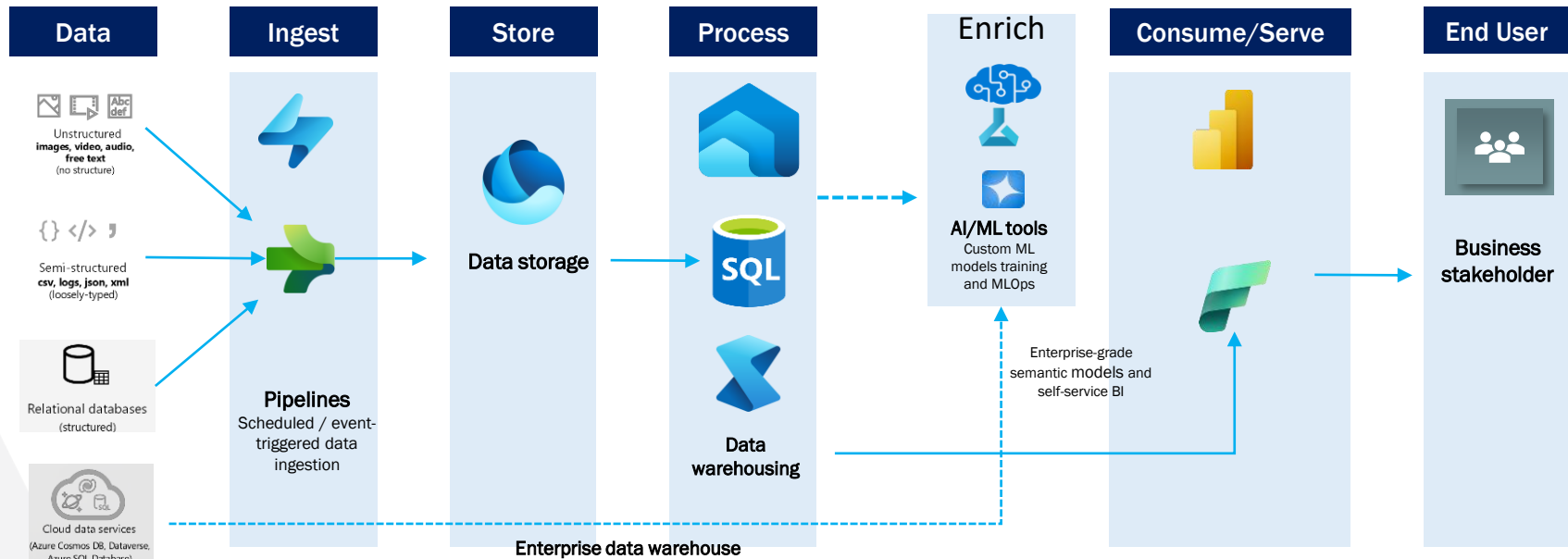
Data platform and Power BI Center of Excellence
6-week implementation plan

Week 5-6: Review and action plan

- Present findings, current state and future roadmap consisting of various projects.

- Agree action plan for further work.

- Finalize key initiatives and projects which can be immediately start

- Submitting a plan to address identified gaps and enhance CoE effectiveness.

- Setup six-month check in review session with Advaiya.

Data infrastructure and analytics

Providing end-to-end data infrastructure and analytics solutions that enable organizations to leverage data-driven insights for better decision making

| Data | Ingest | Store | Process | Enrich | Consume/Serve | End User |

Unstructured
images, video, audio, free text
(no structure)

Semi-structured
csv, logs, json, xml
(loosely-typed)

Relational databases
(structured)

Cloud data services
(Azure Cosmos DB, Dataverse, Azure SQL Database)

Pipelines
Scheduled / event-triggered data ingestion

Data storage

SQL

Data warehousing

AI/ML tools
Custom ML models training and MLOps

Enterprise-grade semantic models and self-service BI

Business stakeholder

Enterprise data warehouse

Why implement a Center of Excellence

Leverage learnings

Benefit from insights and methodologies derived from dozens of successful implementations.

Governed self-service

Achieve a balance of productivity and stability by implementing governed self-service models.

Platform health

Learn how to maintain a healthy and sustainable Power BI platform.

Recent clientele

Construction (EPC/AEC/Realty)	Energy, utilities, & infrastructure	Manufacturing	Professional services	Education & non-profits

Our presence

Advaiya Solutions, Inc.
Call us at +1 (425) 256 3123

New Jersey

Bellevue

Chicago

Nashville

Advaiya Solutions Pvt. Ltd.
Call us at +91 22 6259 0570

Udaipur

Mumbai

Write to us : connect@advaiya.com

Visit : www.advaiya.com | peripheralautomation.com | advaiya.ai

The Advaiya advantage

Project management

- Comprehensive decomposition of business needs and technical execution steps
- Integrated opportunity, project, backlog, and performance management.
- Kanban based tracking

Enterprise architecture

- Platform best practices for extensibility and upgradability
- Utilizing existing tech investments
- Peripheral automation approach and phased execution

Quality processes

- Process checks and metrics
- Audits (internal and external)
- Release management

AI enabled

- Team members trained on latest AI tools
- Active incorporation and embedding of AI based use cases in solutions

Talent management

- Right teams for the right projects
- Team continuity and seamless handover
- Scalability on demand

Intellectual assets

- Growing library of accelerator components
- Comprehensive leverage of Microsoft learning and certification program
- Comprehensive CPE program