

Analytics for Enterprise

A single, governed platform for enterprise data warehousing and analytics, built on Microsoft Fabric.



Wragby Business Solutions & Technologies Limited

www.wragbysolutions.com

Solution Overview v1 | Solution Overview | Enterprise



Analytics for Enterprise

overview

- A single, governed platform for enterprise data warehousing and analytics, built on Microsoft Fabric.
- Consolidates data from across the organization into one platform for consistent, reliable reporting and decision making.
- Structured on the medallion architecture, with a dedicated landing zone that receives incoming data before it enters the governed layers.
- Designed to scale from a single business unit to a full enterprise data estate.

Functional Capabilities

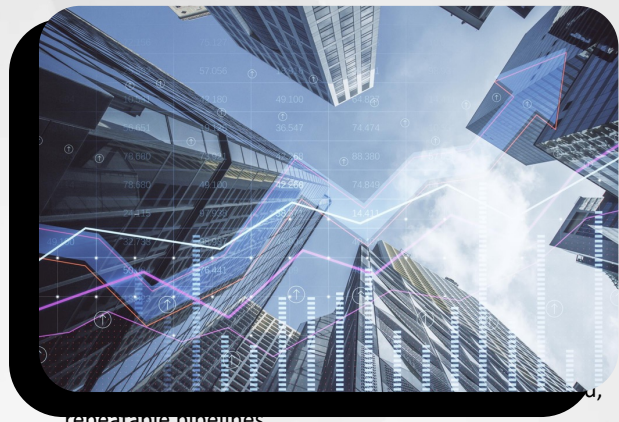
- End-to-end data pipeline, from ingestion through to business-ready reporting.
- Automated transformation and orchestration across all layers.
- Centralized governance, data lineage, and traceability across the enterprise.
- Scalable storage and compute that grows with data volume and organizational demand.
- Self-service reporting and analytics for business users, built on governed data.

Architectural Layers

- **Landing Zone:** dedicated workspace for receiving incoming data from source systems. No data is persisted here, keeping raw external sources fully separated from governed data.
- **Bronze Layer:** raw data retained in its original form for traceability and reprocessing.
- **Silver Layer:** cleaned, validated, and conformed data ready for integration.
- **Gold Layer:** business-ready, aggregated data curated for reporting and analytics.
- Each layer is a dedicated Fabric workspace with its own Lakehouse for storage, supported by notebooks for transformation, pipelines for orchestration, dataflows for integration, and shortcuts for cross-workspace access without data duplication.

Deployment & Security

- Workspace-level isolation between the landing zone and the bronze, silver, and gold layers.
- Role-based access control through Azure Active Directory.
- Row-level security applied at report and dataset level.
- Secure, governed movement of data between layers using native Fabric capabilities.



- Reusable, repeatable pipelines.
- Reduced duplication of data and effort across business units.
- A scalable foundation that supports future analytics and AI initiatives.

Requirements

The items below support a smooth deployment. Not all are required at the outset; gaps can be addressed during the discovery phase of engagement.

- Active Azure subscription with Microsoft Fabric enabled.
- Fabric capacity sized to data volume; enterprise-scale deployments typically start at F8 or higher.
- Azure Active Directory for identity and access management.
- Identified source systems and their respective data owners.
- Defined reporting and business requirements, which may be finalized during discovery.
- Nominated technical and business stakeholders to support the engagement.

Roadmap Enhancements

- Integration of AI and Copilot-driven insights for business users.
- Real-time and near real-time data ingestion.
- Expanded connectors to additional enterprise source systems.
- Advanced data quality monitoring and alerting.

Why Wragby?

Wragby is a multi-cloud solutions provider in Africa with proven expertise in Cloud Infrastructure Services, Managed Services, Data Services & AI, Cybersecurity, Modern Work, Business Applications, Product development, Digital Advisory, and IT Training services.

Through our seasoned professionals, advanced specializations, and competencies, we pair deep oil & gas domain knowledge with modern data platforms to help operators turn field data into decisions.

Talk to us Today



Phone:
+2342017006320



Email:
info@wragbysolutions.com



Website:
www.wragbysolutions.com