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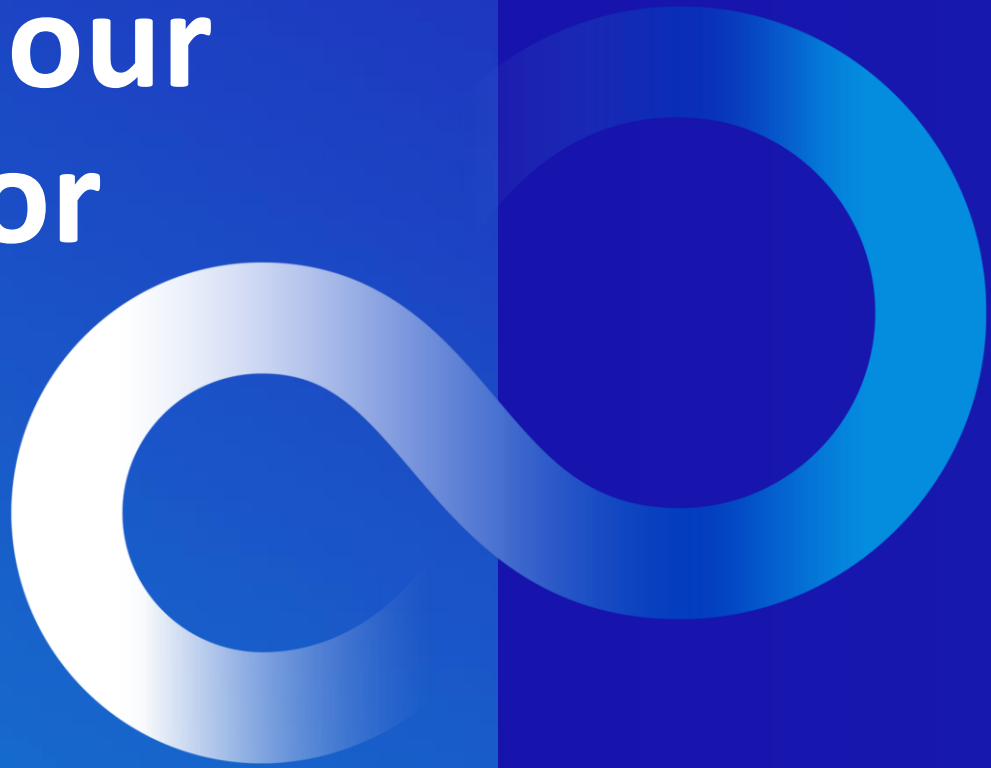
Turbo charge your Digital Transformation with our Lakehouse Accelerator

Faster access to critical data, generating powerful insights through Analytics & AIML



LAKEHOUSE accelerator

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Overview

A Databricks Lakehouse democratises access to data, empowers faster decision making, and unlocks potential of AIML

Leverage our proven, highly secure, industry leading Lakehouse Accelerator to fast track the creation of your cloud-based Data Platform turbo charging your Digital Transformation

- ✓ Designed with industry-leading patterns
- ✓ Leverage DataOps for speed, security, and agility
- ✓ Version management with GIT
- ✓ Databricks Unity Catalogue for Governance
- ✓ Leading practice documentation included for support and scaling to new data solutions
- ✓ Fixed price implementation with 3-sizing options
- ✓ First workload within eight weeks

Why

By 2025…

The data-driven culture fosters continuous performance improvement to create truly differentiated customer and employee experiences and enable the growth of sophisticated new applications

By 2025…

Data products continuously evolve in an agile manner to meet the needs of consumers, leveraging DataOps (DevOps for data) and continuous integration and delivery processes and tools.

By 2025…

Vast networks of connected devices gather and transmit data and insights, often in real time. How data is generated, processed, analysed, and visualized for end users is dramatically transformed by new and more ubiquitous technologies

Rapidly accelerating technology advances, the recognized value of data, and increasing data literacy are changing what it means to be “data driven”

We know 2025 isn’t too far off, but that’s the point

* Source: McKinsey

Key Benefits

Our Lakehouse Accelerator is a fixed price solution that ensures you turbo charge your data analytics journey with an industry leading, flexible & highly secure solution

Faster Data Integration

Easily integrate new datasets into a data platform faster and more cost effectively with minimal coding

AIML Ready

Rapidly provide data that can be relied upon for reporting, analytics and ready for AIML & MLOps

Minimal Maintenance

Delivered with **leading practice documentation** to build solutions and operate the platform with minimal effort

Cost Effective

Only pay for what you need to use by implementing cloud auto-scaling and auto-termination

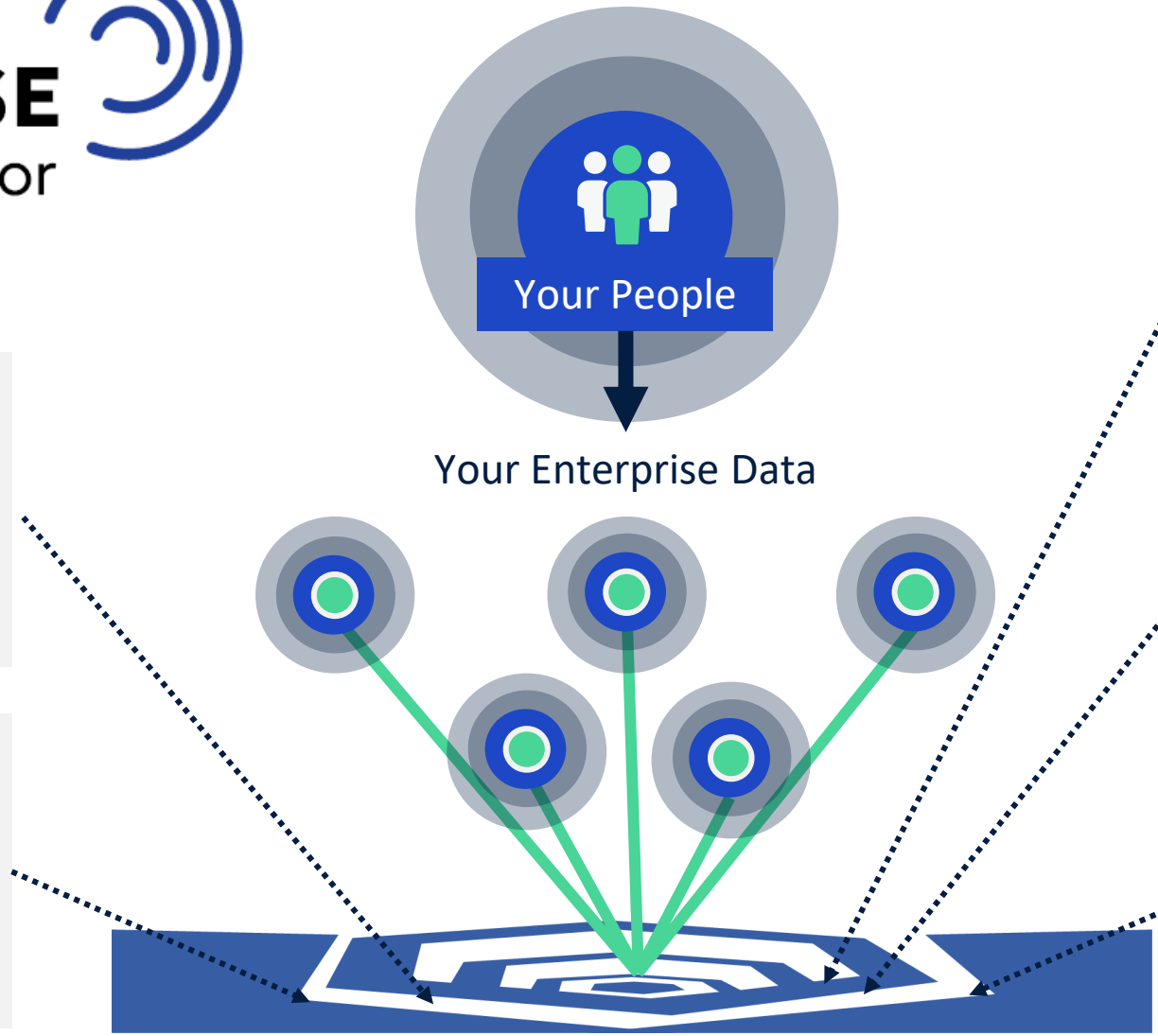
Leading Practice

A flexible, more integrated, **easier to manage** solution than separate data lake and data warehouse technologies

Proactive Alerting

Integrated data quality checking and pipeline management for proactive support of the platform

LAKEHOUSE accelerator



Platform Management

- Policy Configuration
- Logging & Auditing
- Secure Administration

Architecture

- Leading Practices
- Medallion Layers
- Modular, Adaptable, Scalable

Operate

- Auto-scale/terminate
- Auto Deployments
- Proactive Alerting

Data Management

- Meta Data Driven Ingestion
- Minimal coding
- Secure PII data

Knowledge + Expertise

- Operational Documentation
- Knowledge Transfer/Upskill
- Implementation Frameworks

A secure, robust, enterprise data platform for Reporting, Analytics and AIML

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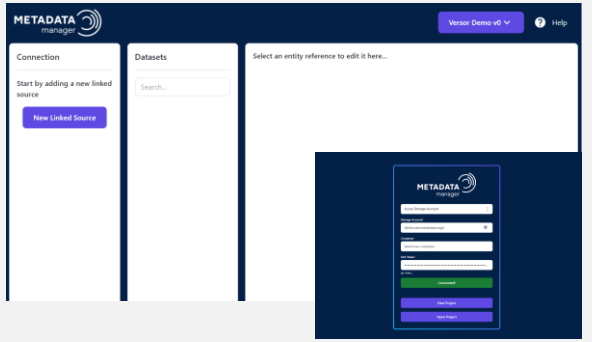
Lakehouse Accelerator Modules

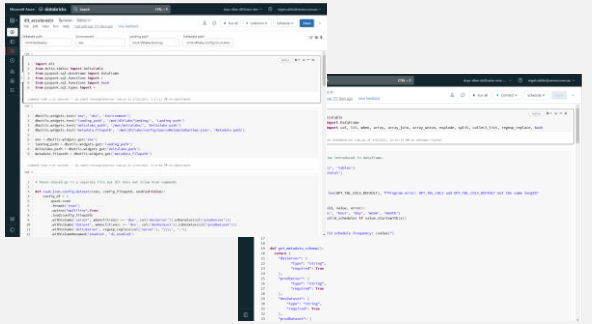
Click here
for demonstration

LAKEHOUSE
accelerator

Meta Data Manager



Notebooks



Lakehouse Health Dashboard

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Azure Lakehouse Accelerator Architecture

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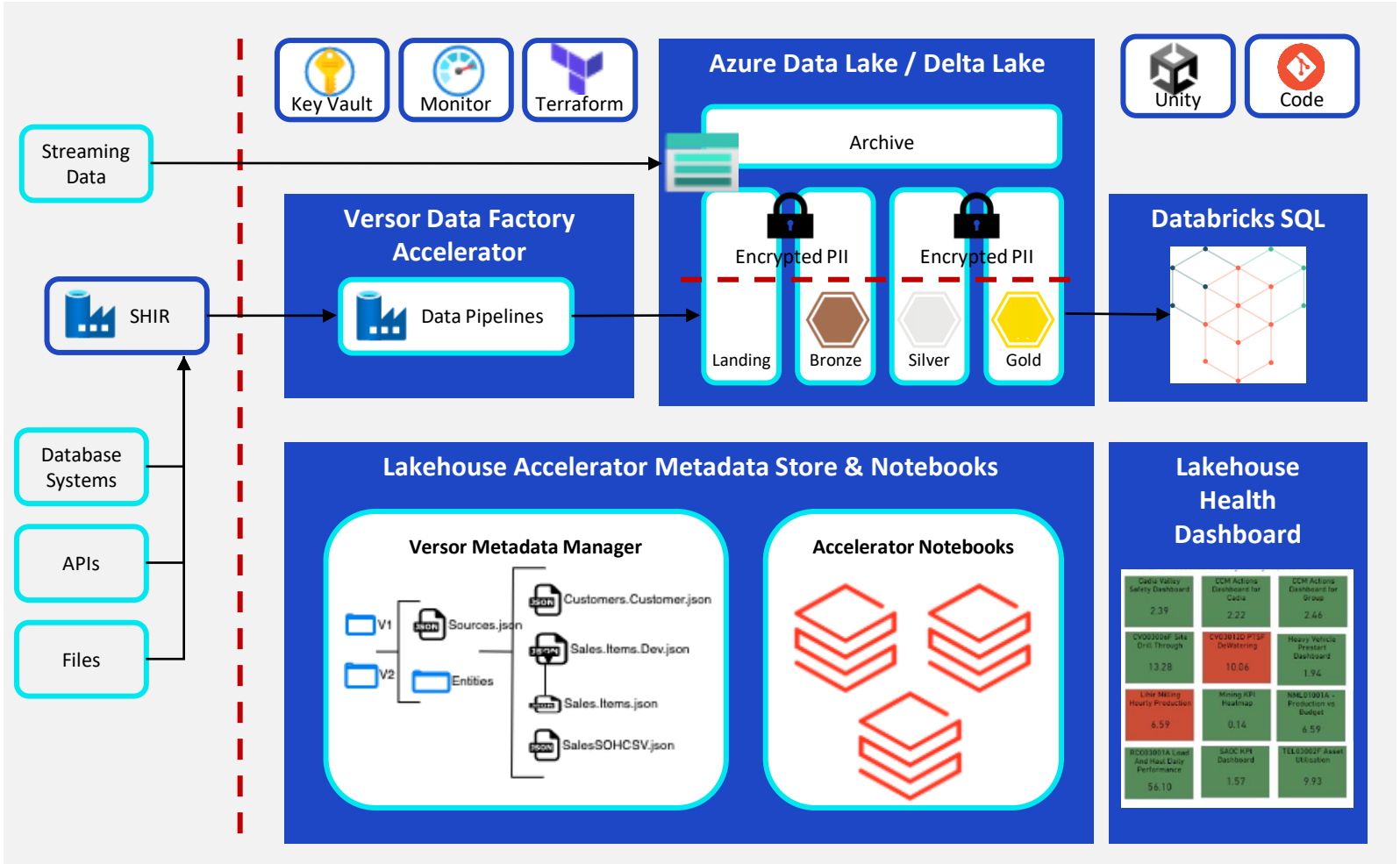

- Streaming, micro batch & batch ingestion
- Auto generated & managed 'Ingestion' meta data
- Unity governed access control with auditing
- Lakehouse health critical metrics at a glance
- Versioned Meta Data Store for full History
- Prebuilt notebooks for bronze to silver layer
- Sensitive data securely controlling the Delta Lake
- Infrastructure as code and auto-deployments

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Three Lakehouse Sizing Options

LAKEHOUSE accelerator

SILVER

- Core Lakehouse solution
- One data source
- Up to 20 source datasets
- Model with 1 fact & 6 dims
- One PowerBI dashboard
- Two environments
- Eight week implementation

GOLD

- Core Lakehouse solution
- Three data sources
- Up to 50 source datasets
- Model with 3 facts & 12 dims
- Five PowerBI dashboards
- Three environments
- Twelve week implementation

PLATINUM

- Core Lakehouse solution
- Five data sources
- Up to 200 source datasets
- Model with 7 facts & 30 dims
- Fifteen PowerBI dashboards
- Four environments
- Sixteen week implementation

Approach

- Sprint 0 to rapidly work through key decisions and access
- Hit the ground running from Sprint 1 reducing time to value
- Proven IP & expertise to deliver high quality outcomes
- Winning approach proven with multiple customer implementations

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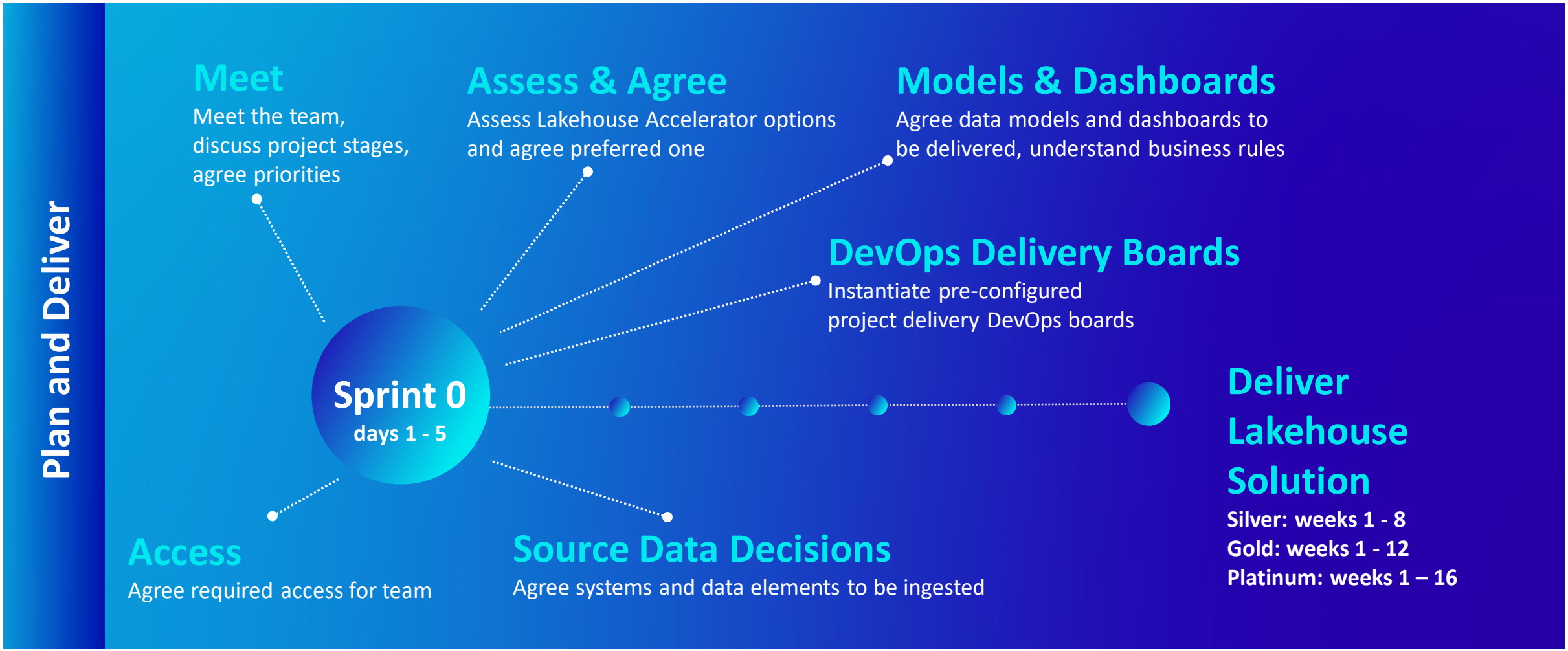

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Lakehouse Accelerator Inclusions

Additional scope by negotiation

Workshops
Up to four, 3 hour workshops to provide a Lakehouse Accelerator overview and to gather necessary inputs.

Documents
- Conceptual Design
- Solution Design
- Security Design
- Role Based Access Control Model
- As-Built Documentation
- Lakehouse Operating Procedures (SOPs)

Build
- Automated implementation of Platform*
- Automated deployment of initial Data Lake Zones

Automation
- Versor Lakehouse Accelerator
- Versor Lakehouse Health Check Dashboard*
- Versor Data Factory Accelerator*

Maintenance and Reporting
- Detailed Monthly Project Status Reports
- Product and Standard Documentation updates

*Gold and Platinum options only