

5-Day Data Lakehouse Implementation

INGEST YOUR ENTERPRISE DATA INTO A TESTED, QUALITY-ASSURED DATA LAKEHOUSE ON DAY 6

1

Lakehouse Governance & Architecture

Cost Management Reporting
Data Management Policy
Data Quality Policy
Source Control
ACID Transaction Functionality (Delta)
Ongoing Support Agreement
On-Demand Lakehouse Development Agreement

3

Ingestion Accelerators & Templates



Relational DBs (Structured)
Semi-Structured & Unstructured
Streaming Analytics (Lambda)
Online & API
SharePoint Integration
SSIS Integration Runtime for **On-Prem Migration Support** (Azure)
Dummy/Evaluation Data to Test Accelerators

5

Test Dataflow through Lakehouse, Modelling & Visualisation



Data Lakehouse to Databricks ML/AI
Data Lakehouse to Power BI
Databricks to Power BI (Optional)
Analysis Services (Azure; Optional)
Synapse (Azure; Optional)

2

Storage Configuration Accelerators & Templates

Lakehouse Structure Workshop
Functional Structure Workshop
Architecture Confirmation

Machine Learning & AI Workshop:
Identify High Value ML & AI Opportunities

4

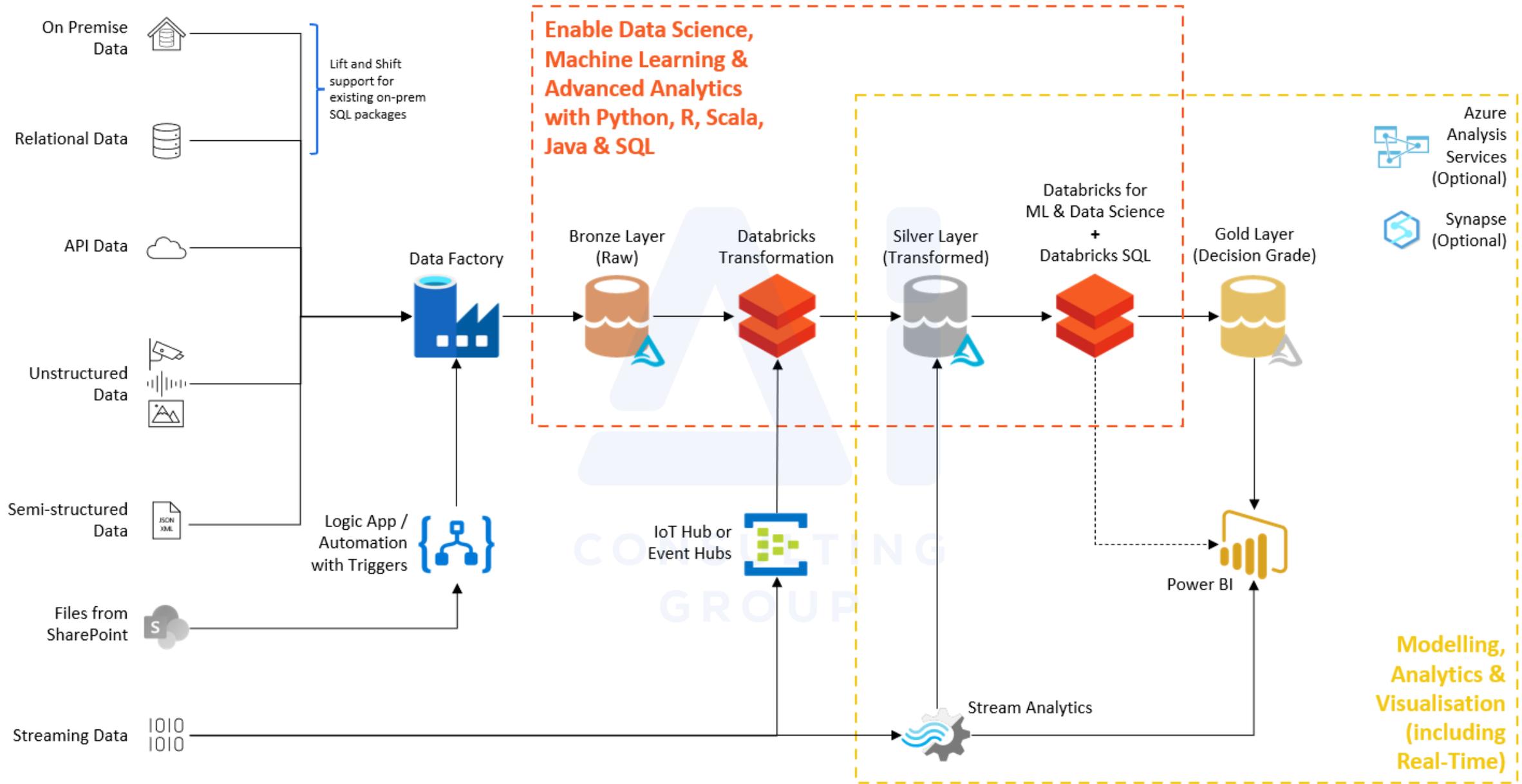
Test Lakehouse Dataflow:
Bronze → **Silver** → **Gold**
+ Enable Advanced Analytics,
Predictive, Data Science and AI

Ingestion into:
- Raw (**Bronze**)
- Transformed/Augmented (**Silver**)
- Post-UAT for Decision Support (**Gold**)
Dummy/Evaluation Data
Test & Quality Assurance

6

Insights & Value Generation
Operationalise ML Use-Cases

5-Day Data Lakehouse Implementation (Azure)



AI Consulting Group Pty Ltd (ACN 635 430 634) is a Proprietary Limited entity, trading under the name of 'AI Consulting Group' (ABN 12 635 430 634).

AI Consulting Group has drafted and reviewed this document and every effort has been made to ensure that it is accurate. AI Consulting Group shall not be liable for any losses, damages or costs associated with errors in connection with the document, its contents, or any representations therein.

The information contained in this document is of a proprietary and confidential nature and was prepared exclusively for our client/s. It should not and must not be disclosed to third parties without the prior express written permission of AI Consulting Group.

info@aiconsultinggroup.com.au | [+61 2 8283 4099](tel:+61282834099)

Level 14/309 Kent St, Sydney NSW 2000

