
ACCELERATE WHAT MATTERS. NOW.



Brillio - SQL Server DWH/Database Migration to Azure



Data Migration solutions are meant to address business and technology challenges ...

A centralized single source of trusted data powered by Azure provides fast, easy and secure access in a standardized format. It enables enterprise in different scenario

Simplifies effort applied by IT teams to ingest, integrate, standardize, process and serve data from variety of sources in an efficient and secure way



IT Management and operations team



Data Scientist, Analysts, Power Users

Centralized access to wide range of data for insightful discovery and analytics

Enhance trust in data by enhancing quality of data through cleansing, enrichment and definitions. It also enables data privacy



Data Governance team



Business end users

Become Data driven and generate business values through timely use of insights generated on wide range of good quality data

But, there are obstacles to implementation ...

Migration work is not new, still if some key aspects are left unaddressed, leads to failure

Inability to mine data

An inability to mine data for analytics and exploit the data to use for analytics



Lack of Experience

Lack of Experience where companies don't have enough expertise to adapt and sustain with new technology and methodologies



Unclear objective

Unclear objective where companies end up with a cloud solution which is unusable leading to unsolved purposes



Managing Database/DW

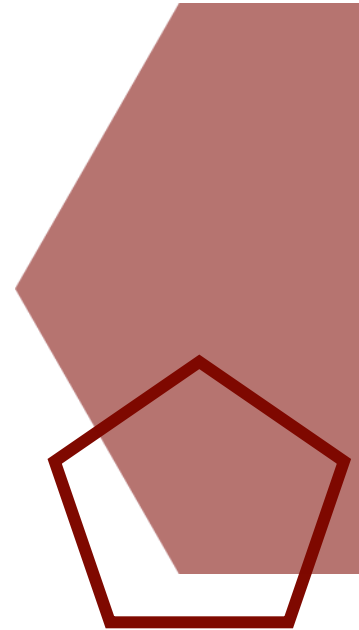
Managing Data ecosystem on Azure where there is risk in turning into a data swamp which requires continuous management

Poor data governance

Poor data governance where data dumped without structure, processes, and rules makes it difficult for the users to manage and consume data

Inertia towards the new

Inertia towards the new where companies need to adapt to new culture and ways of working with new solutions and technologies getting deployed



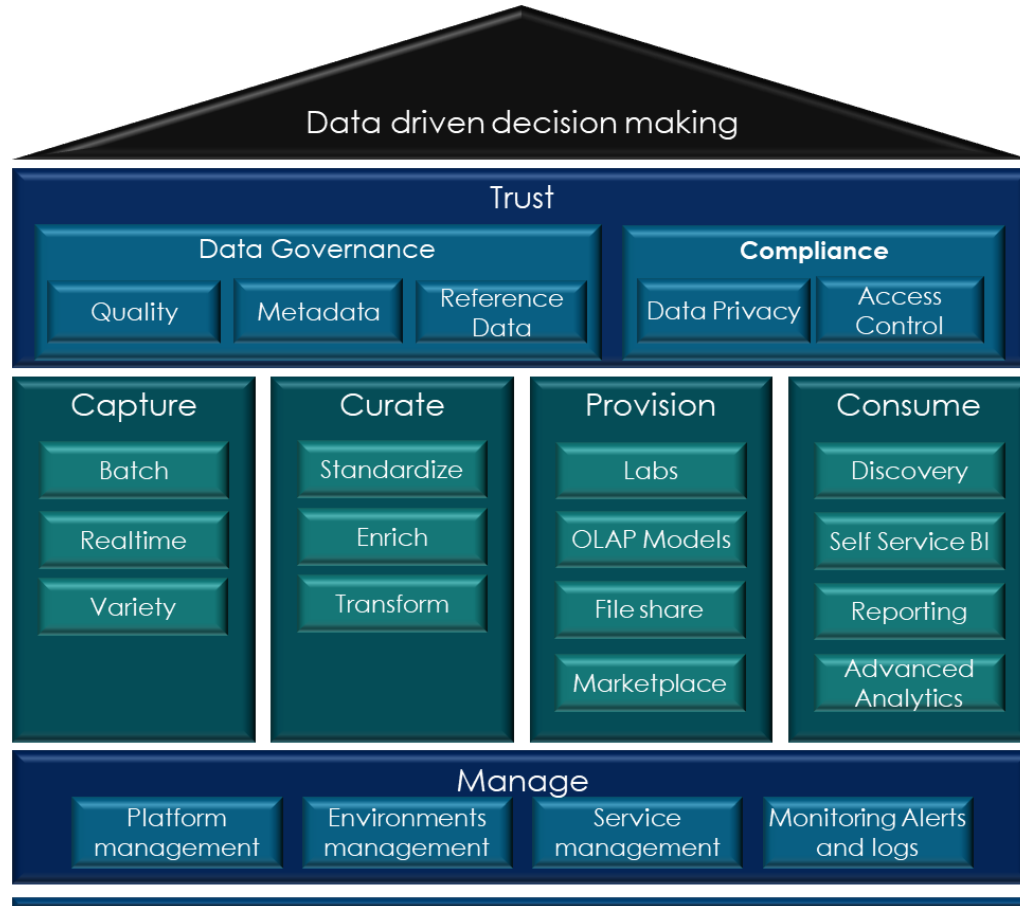
Brillio way helps overcome obstacles easily ...

Our methods help solve the challenges easily

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Brillio's data engineering framework is comprehensive to address a wide range of data problems ...



Agile Robust to handle many use cases
Ingestion, storage and processing of different Variety, Velocity and Volume of Data



Consolidated No more data silos
Data is stored in a unified, standardized and consistent storage format after ingestion till consumed



Use case oriented Enables a lot of use case
Use from within the lake, ideally for in house businesses
Search and subscribe data in different format, for inhouse and data consumers from outside
Enables different consumption use cases



Secure Data privacy and access control is take care by design



Trusted Data is truth
Data is curated through standardization and enrichment. Metadata cataloguing enables a clear whereabouts of data. Data consistency with source is key for timely insight.



Managed from all dimensions
Secure, Scalable, agile delivery, monitored platform

Evaluate multiple migration paths to optimize speed, effort and performance

MIGRATION OPTIONS



1. Rehost - Lift & Shift



2. Re-platform (Lift & Reshape)



3. Reengineer (Redesign)



4. Repurchase (Replace – Drop & Shop)



5. Retire (Decommission)



6. Retain

BRILLIO FRAMEWORK TO EVALUATE OPTIONS

Criterion (to be prioritized during discovery)



Speed



Implementation efforts



Maintenance effort



Performance & Risks



Cost

Decision Factors to be Assessed

- Time to market for mission critical use cases, time market for new use cases
- Complexity, duplication of efforts
- Redundancy (multiple PBD, alternate ETL path), Ease of ETL edit post migration
- Data load speed, risks related to BCP
- License costs, run cost

Brillio's suite of accelerators help companies build modern platform faster

Comprehensive set of accelerators incorporating disruptive features

1



Intelligent Ingestion Suite

Delta Capture for accelerated Delta data identification and ingestion tool.

Ready to use: Metadata-driven script based on Azure Databricks and Azure Data Factory

Easy Data Ingestion for safe and easy data migration from legacy to new application.

Ready to Use: On-Prem SQL Server to SQL Server on Cloud using SSIS package

MultiConnect for smart UI based interface for data source integration. It houses multiple mode of connectors, including manual upload.



6

Storage & Processing

CurateWell for rule based standardization and enrichment of multi variate source data

Agile Storage Model for a predefined storage model for all layer of storage

Data Free-ze for smart way of managing hot and cold data with smart recommendations



Trust Suite

Data Compliance Engine for enhancing regulatory compliance in data
Ready to Use: Databricks and SSIS package based Data anonymization tool.

Data Profiling Tool for automated assessment of dark data

Ready to Use: Rule based data profiling engine

Data Cataloging for completeness in business and technical metadata definitions enabling data discovery and search

Ready to Use: Automated capture of column level details & data dictionary

Data Lineage & Audit for automated capture of usage information of data across the value chain.

Ready to use: Semi-automated script to capture data lineage

Data Validation Framework for automated check and reporting of data quality.

Ready to use: Databricks scripts



Provisioning & Consumption Suite

DHI is NLP based interactive real time insight generation tool

Data Explorer web UI based data browser to explore, search and subscribe data from data lake



Smart Management

Monitoring Console for monitoring of performance, availability, security and cost related operational policies with recommendations

Infinite for simplified adoption of DevSecOps

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Mapped to Architecture diagram

Modes of Engagement

Brillio recommends to start with quick 3-5 weeks consulting exercise to identify AS-IS state, design and evangelize the future state



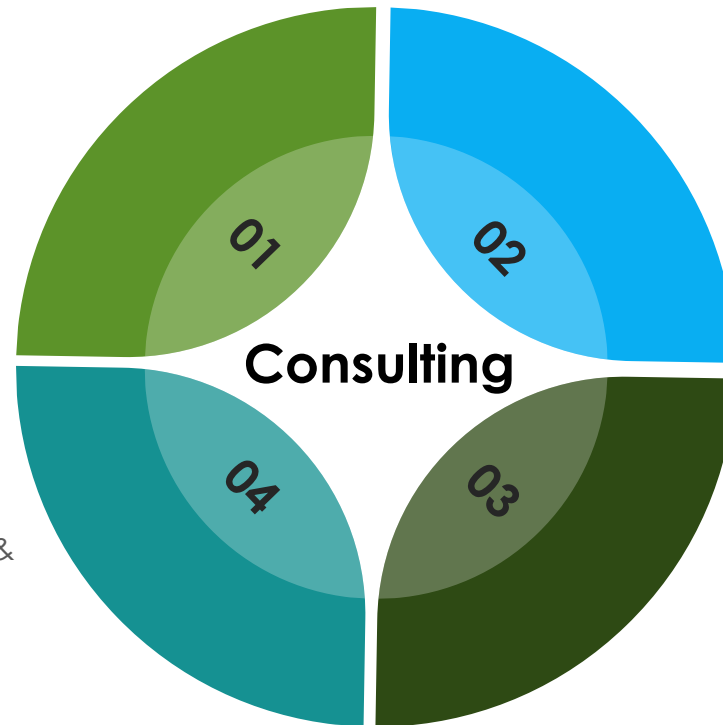
Migration

Brillio helps for smooth experience of platform & Data Migration



Manage

Brillio leverages holistic framework to manage data & platform



Modernize



Brillio incubates innovation with cutting edge technology

Build New



Brillio enables design thinking framework to formulate the new from scratch



LET'S START SOMETHING
AMAZING TOGETHER