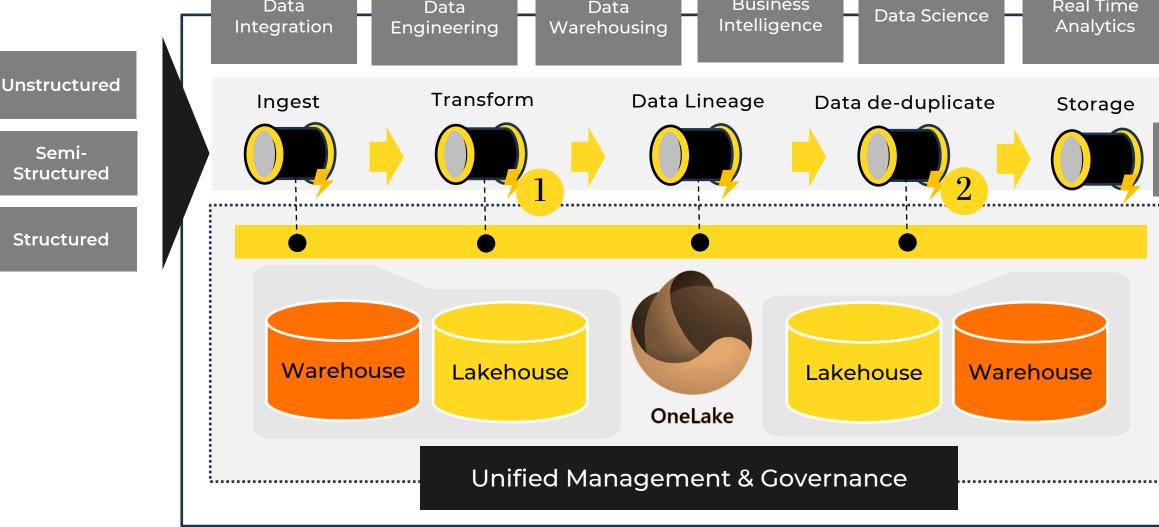


Structured

Structured





Owner

Functional













Monitoring

3

Decision Maker

Polestar's Data Nexus

Data Nexus provides a flexible and unified framework for managing, accessing, and analyzing your Data Estate - enabling real-time access and agile decision-making. It includes data and insights









Data

Data Engineer

Data **Analyst**



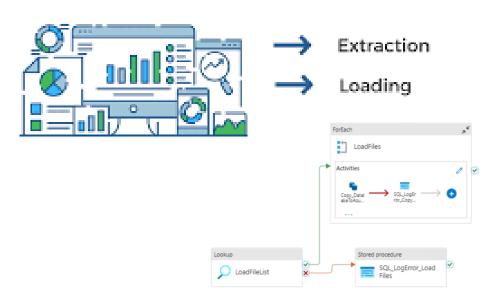
Polestar's Data Nexus: Data

Modernize your data estate using our in-house developed accelerators



Configurable Framework designed to automate data lakes. Set up new data pipelines (Databases, REST APIs, and modern Web UIs etc.)

Elements of data automation



- Connect to any source system
- · Move Incremental Data to Lake
- Audit and Reporting with logs
- Configurable Framework to Add/ Edit/ Delete New Tables, New Columns
- Following Best practices to enable Parallelism in Data loading resulting in quicker data extractions

2

Historical Data Migration Accelerator

Framework designed to automate Historical data movement from different source systems to Target Data Lakes.

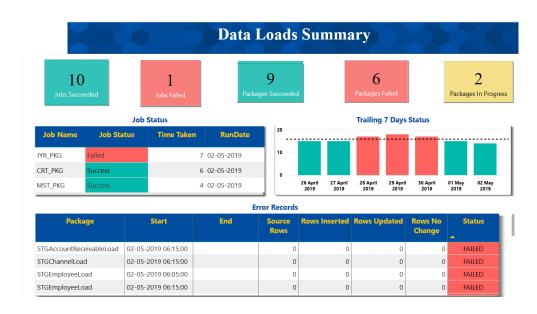


- Connect to any Target system
- Move Historical Data in Chunks
- Configurable Framework to complex structures for different timelines
- Following Best practices to enable Parallelism in Data loading resulting in quicker data loads
- Best suited for One time loads to migrate data from On Premise to Cloud destination

3

Data Profiling Wizard

Executes on top of Polestar Data Nexus to provide continuous Data Profiling of Master and Transactional Data



- Data Load Summary to provide latest updates with Altering mechanism for Failures
- Data Recon Reporting for Every Loads
- Profiling of all the data including Masters and Transactions
- Column level sampling for every tables
- Fact and Dimensions Profiling to keep check on Data Quality



Polestar's Data Nexus: Insights

AI/Generative AI/ML

- Deep Learning Models:
 Utilize neural networks
 with multiple layers to
 identify complex patterns
 and forecast future trends
- Natural Language
 Processing (NLP): Extract
 insights from unstructured
 data through techniques
 like sentiment analysis and
 entity recognition.
- Anomaly Detection:

 Identify unusual patterns or outliers in data, crucial for fraud detection and anomaly prevention.



Data Democratization

- Data Access Control: Rolebased access control (RBAC) and fine-grained permissions to regulate access and rights to specific datasets.
- Analytics COE: Setting up Analytics Centre of Excellence to propagate data driven decision making



BI/MIS Reporting

- Standard Enterprise wide reporting packs
- Descriptive and Diagnostic Analytics (what happened and why did it happen?)
- Statutory Reporting



CXO Dashboards

- Display mission critical KPIs aligned with organizational goals, enabling CXOs to get a bird eye view of performance
- A single screen with drilldown capabilities that allow CXOs to explore deeper insights to view outliers
- Decluttered scorecards accessible across multiple devices/platform to enable insights on the go!



Self Service Analytics

- Self Service Analytics
 Apps to allow users to
 play around with the data
- Intuitive Insights recommendation with simple drag and drop capabilities
- Quick Ignition for individuals/smaller teams





How do we help?



Implementation Snapshots

Data Estate Optimization

- Data Ingestion
 Optimization
- Data Lake Automation
- Data Warehouse Optimization
- Schema Evolution
 Strategies
- Data Cataloging and MDM

Data Migration and Integration Excellence

- Data Synchronization and Replication
- Transformation and Cleansing Strategies
- Data Quality
 Assurance
- Change Data Capture (CDC) Solutions

Data Monetization

- Communal Data layer with external and internal user access
- Embedded Analytics enabling customers of customers
- Product Engineering with Data driven Engine

Analytics + Al

- Dashboarding
- Role-Based Access Controls (RBAC)
- Self Service Analytics
- ML Model deployment

Insights

 Al based actionable Insights

Advanced Intelligence

- Event-Driven
 Architectures
- Complex Event Processing (CEP)
- Gen AI based interactive chatbots

Data

Avenues of Engagement

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ADVISORY

- Discovery Workshops
- Adoption Programs
- COE Setup



IMPLEMENTATION

- End to End
 Module
 Development
- Enhancement
- Milestone based or Time based



SUPPORT

- L2, L3 Support DeskDedicated Support &
- Automated Ticketing



MANAGED SERVICES

- Development & Project Management
- Multi track program management
- Hosting & Licensing
- Security & Compliance adherence support

Our Data Nexus Leaders

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Ankit Rana



Saurabh Singh
Global Delivery Head