

LeadDev New York

Supply Chain: Data Infrastructure Pipeline

Presenters

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Common Challenges

Affects companies of all size

Fragmented and Inconsistent data

Delayed insights and decisions

Low trust in data quality



From Smooth Roads to Traffic Chaos



Real Time: Use Case

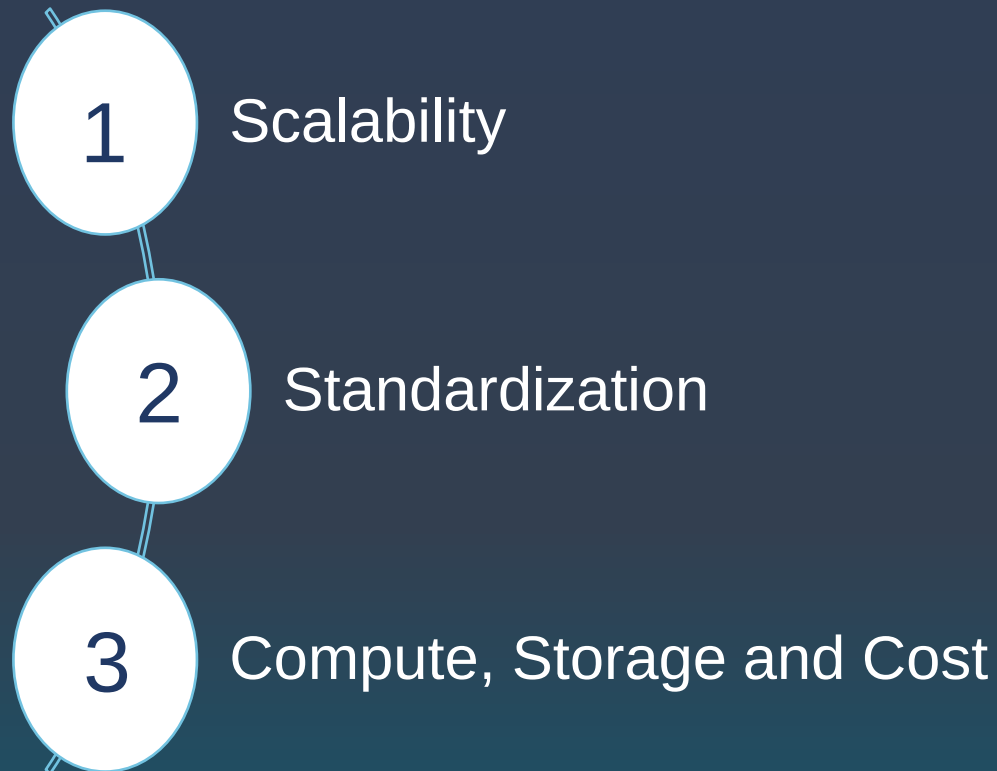


Real Time: Use Case



Key Takeaway 1: Understand Complete DataFlow

Ingestion > Processing > Actionable Insights



Key Takeaway 2: Build FOR failure from Day One



Schema Validation



Retry Mechanism



Dead Letter Queues



Data Monitoring



Key Takeaway 3: Data Quality = Revenue Quality



Data Validation



Reconciliation



Anomaly Detection



Summary



Thank You !

Thank you !