

# Blueprint

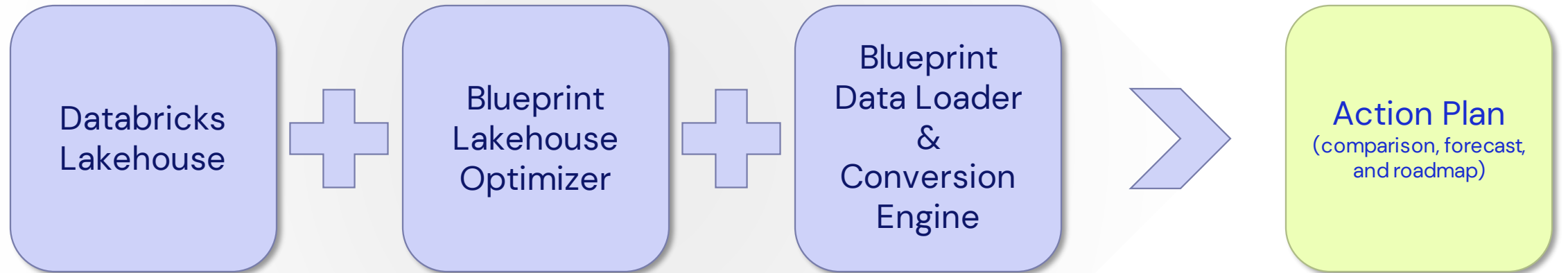
Delivering Intelligence That Matters

## Redshift to Databricks *QuickStart*

Accelerated POC powered by the Blueprint Lakehouse Optimizer  
April 2023

# Redshift to Databricks QuickStart

## *Accelerated AWS Redshift to Databricks*



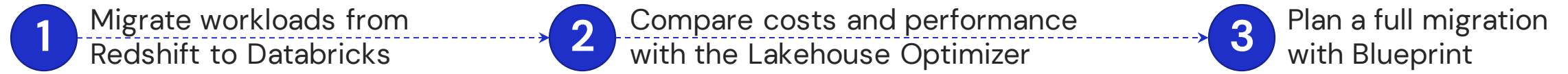
Modern data platform optimized for performance and cost-effectiveness.

Real-time insights into the health and performance of your data pipelines.

Migrate your Redshift data pipelines to Databricks and realize performance and cost savings.

Transform your data infrastructure with Blueprint's expertise in data + AI, data warehousing, and data platform workloads.

# QuickStart: The Approach



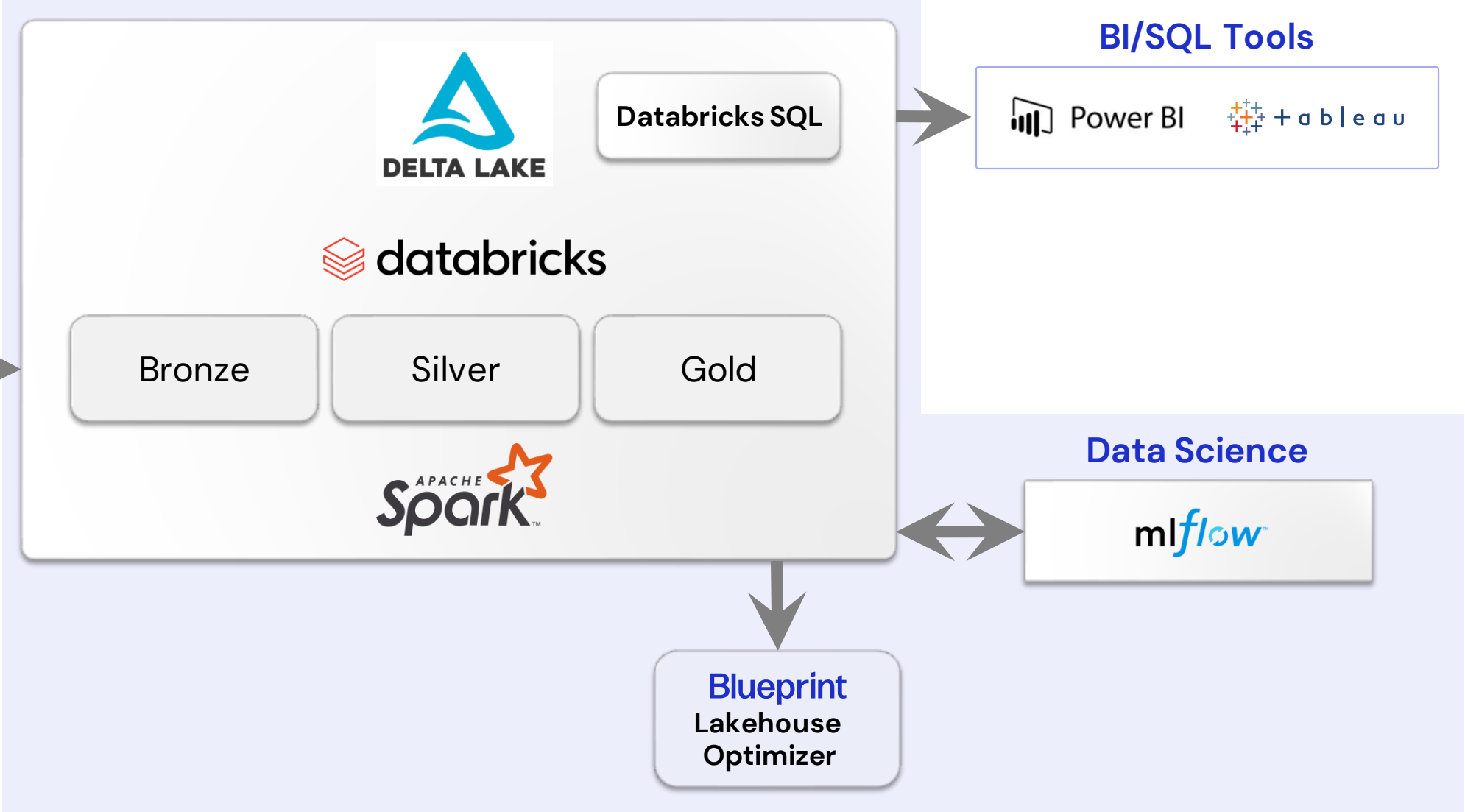
WEEK 1	WEEK 2-3	WEEK 4
<p><b>Databricks Deployment</b></p> <ul style="list-style-type: none"><li>☑ Azure or AWS – Scripted w/ Terraform</li><li>☑ <b>Non-Production</b> Subscription, VPC</li></ul> <p><b>Blueprint Lakehouse Optimizer</b></p> <ul style="list-style-type: none"><li>☑ Implemented in Your Cloud Environment</li><li>☑ Cloud Billing-Reader Privileges Required</li></ul> <p><b>Redshift Analysis</b></p> <ul style="list-style-type: none"><li>☑ Assess &amp; select candidates for migration</li></ul>	<p><b>Lakehouse Workshops/Hands-on</b></p> <ul style="list-style-type: none"><li>☑ Hands on with Sample Data in Your Env.</li><li>☑ Databricks Unity Catalog, Sec, Mgmt Workshop</li><li>☑ Target 2, half day sessions. Limited to 10.</li></ul> <p><b>Redshift Migration</b></p> <ul style="list-style-type: none"><li>☑ Target Small/Medium Complexity Transform</li><li>☑ Leverage Blueprint Data Loader to load data from RedShift directly into Databricks</li><li>☑ Leverage Blueprint Conversion Engine to convert up to 2 stored procs from Redshift to Databricks SQL</li></ul>	<p><b>Comparison Analysis</b></p> <ul style="list-style-type: none"><li>☑ Leverage Lakehouse Optimizer</li><li>☑ Compare runtimes &amp; costs</li><li>☑ Forecast impacts of similar workload migrations.</li></ul> <p><b>Roadmap with Blueprint</b></p> <ul style="list-style-type: none"><li>☑ Plan workload migrations</li><li>☑ Lakehouse migration strategy</li><li>☑ Explore Service Offerings from Blueprint</li></ul>

# QuickStart: The Architecture

Blueprint Data Loader & Blueprint Conversion Engine



Load data from Redshift



# QuickStart: The Accelerators

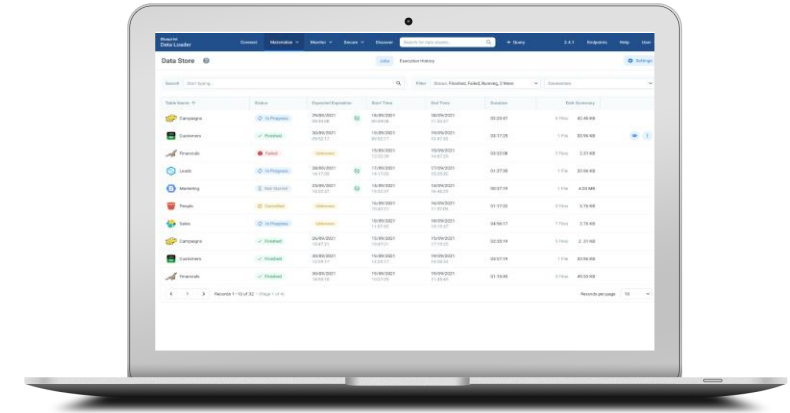
## LAKEHOUSE OPTIMIZER

Optimizes performance & lowers TCO of Databricks powered lakehouse



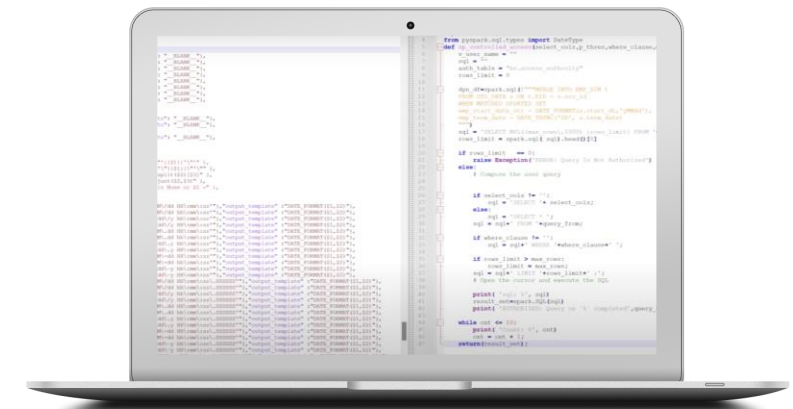
## DATA LOADER

Efficiently ingest data from Redshift into your lakehouse



## CONVERSION ENGINE

Redshift to Databricks SQL



# Get started now.

PRICE: \$50,000

CONTACT: [marketing@bpcs.com](mailto:marketing@bpcs.com)