

## Modern Data Platform & Digital Advisory

Turn dormant data into dynamic business insights

According to Forrester, 73% of company data is untouched for analytics. With advances in storage, computation, and AI, the question is not if, but when we'll harness this data. A Modern Data Platform unifies your data and leverages cutting-edge technology to enhance decision-making. It empowers data ingestion, management, processing, and consumption. To build the right solution, Columbus will help you answer these key questions:

### Infrastructure

- How will you connect your systems?
- Which cloud service will you use?
- What functionality do you need?

### Data Enrichment

- How will data be collected, stored & managed?
- How will you identify patterns using AI?
- How will you secure your data?

### Data Management & Processing

- How will you move data to its destination?
- How will you manipulate data to pull out useful insights?
- How will your data be created and consumed?

### Business Intelligence & Apps

- How can users explore data without IT's help?
- How can you share and access data when on the go?
- How can staff view data and collaborate across devices?

Here's how we've helped businesses unlock the potential of their data.

### Restaurant Chain

**Need:** Data warehouse to integrate sources and improve the quality of their reports.

**Solution:** Data Factory, Data Lake, Databricks, SQL Elastic pool and data models specific to departments

#### Results:

- Data warehouse integrating data from multiple sources.
- Team-specific access based on business needs.
- Enabled end-users to create reports and Excel files.

### Glass Products Manufacturer

**Need:** To accurately predict and identify potential future glass breakages.

**Solution:** Lambda, Data Factory, Data Lake Store, Databricks, Cosmos DB and ML Studio

#### Results:

- Identified breakage in 2-3 days instead of 3 weeks.
- Minimized breakdowns by analyzing annual trends.
- Provided ability to predict future breaks.