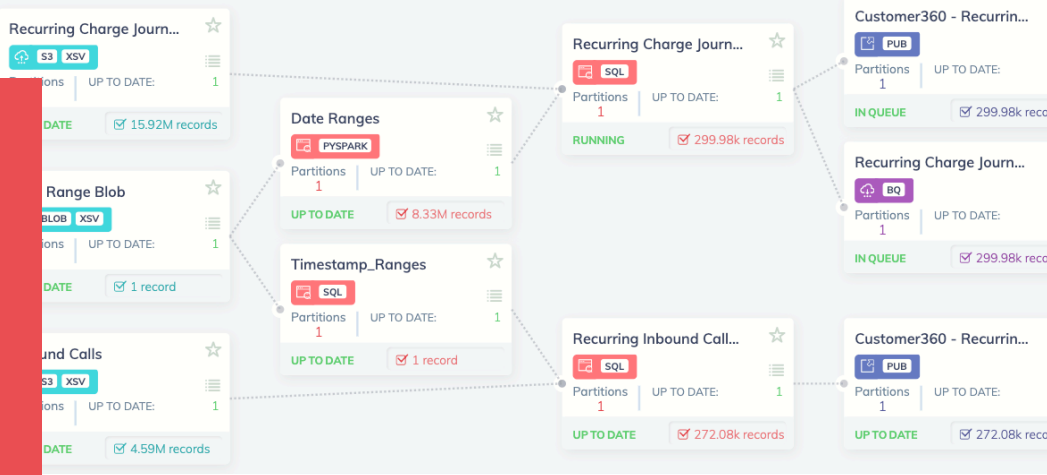




GO WITH THE DATAFLOW



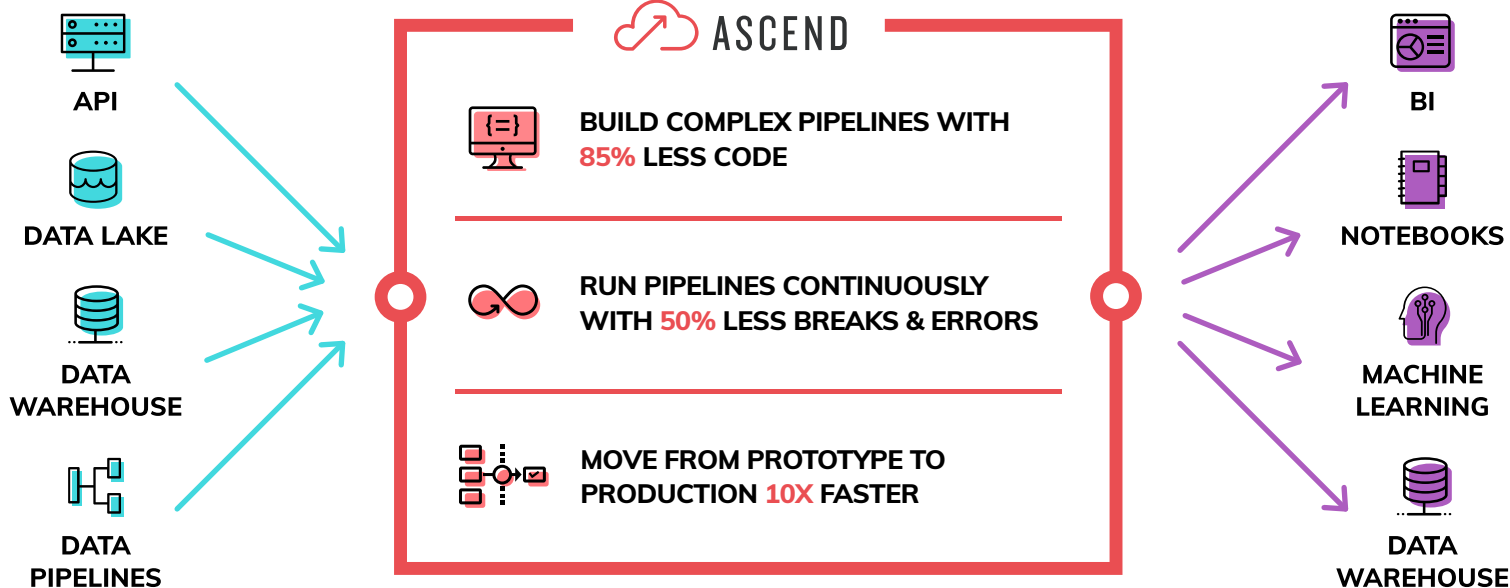
WHAT IS A DATAFLOW?

Dataflows understand that data is inherently connected and ever-changing, not static and point-to-point like traditional pipelines assume. With Dataflows, simply declare the end-state of data and let the system deliver on it, no matter what happens.

Why Dataflows?

Pipelines are critical, but they require way (way) too much coding, manual configurations, and a disproportionate amount of time on maintenance. And the worst part? It only gets more challenging the more you build and integrate systems, quickly eclipsing what can be manually constructed and managed.

Ascend developed the world's first Autonomous Dataflow Service, where you can build, scale, and operate continuously optimized, Apache Spark-based pipelines, with less code and less breakages. Powered by Ascend's Dataflow Control Plane, you combine declarative configurations and automation to manage cloud infrastructure, optimize pipelines, and eliminate maintenance across the entire data lifecycle.



Common Use Cases



MOVE TO THE CLOUD

Migrate entire workloads to cloud, or between clouds without disruption, and everything you build is fully portable across public cloud providers.



GO FROM ETL TO PIPELINES

Leapfrog to best-of-breed pipeline tech for digital data projects in just a few weeks, regardless of whether you work in code or SQL.



OPTIMIZE THE DATA WAREHOUSE

Offload "last mile" ETL, staging, and exploratory workloads for faster performance at-scale and lower overall costs.



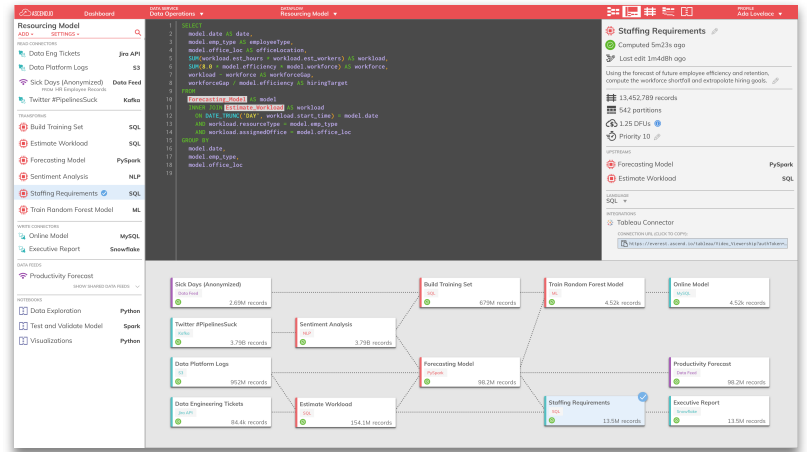
OPERATIONALIZE NEW DATA PROJECTS

Fuel analytics, ML, or downstream applications with just a few lines of code.



“With Ascend, my team was able to eliminate nearly all of the monitoring and maintenance, which freed up nearly 50% of their time to spend on new development.”

— FORTUNE 100 MEDIA COMPANY



Autonomous Dataflow Service



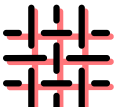
MULTI-LANGUAGE

Build and visualize declarative configurations using modular transforms in SQL and PySpark, with full lineage and dependency management.



DATAFLOW CONTROL PLANE

The powerhouse that automates the management of underlying infrastructure, while perpetually operating and optimizing your pipelines in response to inevitable data changes.



ELASTIC DATA FABRIC

Auto-scale with precision based on data, code, concurrency, and SLAs for on-demand processing and auto-orchestration to handle any scale.



FULLY MANAGED, PORTABLE CLOUD SERVICE

Deploy and run seamlessly in Microsoft Azure, Amazon Web Services, and Google Cloud Platform, with all development fully portable across clouds.

FEATURE SPECS

Deploys within:	<ul style="list-style-type: none"> Amazon Web Services, Google Cloud Service, Microsoft Azure *Private VPC deployment also available 	Languages supported:	<ul style="list-style-type: none"> SQL, PySpark, Custom functions
Data connectors:	<ul style="list-style-type: none"> API Polling Data Stores: S3, GCS, FTP, WebDAV, local files, Custom Warehouses/Marts: MySQL, Postgres, BigQuery, Redshift, Custom Data Formats: Avro, CSV, JSON, Parquet, Custom Compression Formats: GZIP, LZ0, Snappy 	Security & Compliance:	<ul style="list-style-type: none"> SOC 2 compliant, HIPAA compliant Encryption at-rest and in-transit SSO and Role-Based Access Controls Full audit logs & lineage tracking

Start building immediately with a **free trial of Ascend.**
 Visit www.ascend.io/get-started to learn more.