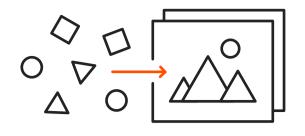


THE DATA LIFECYCLE FROM BYTES TO A

How to Build a Data Pipeline for Real-World Al

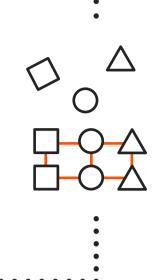


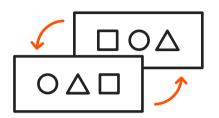
INGEST

From sensors, machines & user generated



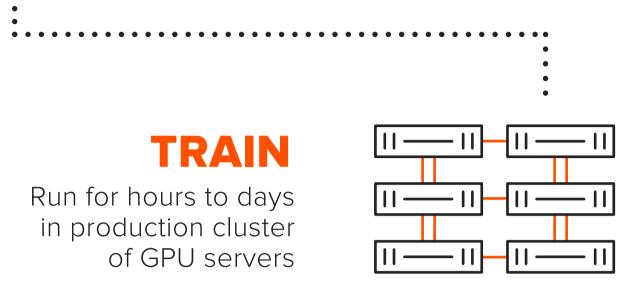
Label, anomaly detection, ETL, prep, stage







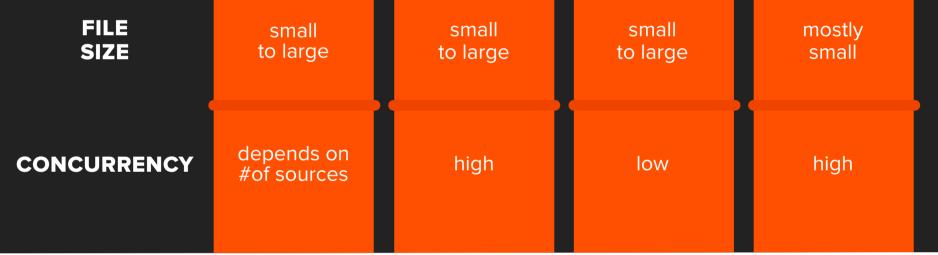
Quickly iterate to converge on models



INFRASTRUCTURE OPTIMIZED FOR AI DATA PIPELINE

Varying needs in AI data pipeline push the limits of storage architecture.





WHY FLASHBLADE?

A centralized data hub increases the productivity of scientists and simplifies the pipeline for the data architect. FlashBlade™ is the industry's first data hub purpose-built for AI for the following reasons:



PERFORMANCE

With up to 75GB/s random read bandwidth, FlashBlade can support the entire pipeline at the same time.



SMALL-FILE HANDLING

Read small files (50KB) at 50 GB/s with 75 blades for the most demanding training workloads.



SCALABILITY

Increase capacity and performance as training datasets grow, all without downtime.



NATIVE OBJECT SUPPORT (S3)

Input data can be stored as either files or objects.





SIMPLE ADMINISTRATION

No need to tune performance for small or large files, sequential or random access.



NON-DISRUPTIVE UPGRADE (NDU) EVERYTHING

Software upgrades and hardware expansion can happen anytime, even during production model training.



EASE OF MANAGEMENT

Pure1[®] cloud-based management keeps users focused on understanding data vs. administering storage.



BUILT FOR THE FUTURE

Purpose-built for flash to easily leverage new generations of NAND technology.

ITERATE FASTER!

In today's world, it's critical to have infrastructure that supports both massive data ingest and rapid analytics evolution. At Pure Storage, we built the ultimate data hub for AI, engineered to accelerate every stage of the data pipeline.

Visit **purestorage.com/flashblade** to learn how FlashBlade[™] can help you transform big data into big intelligence.



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