

WEKA on OCI delivers 2 terabytes per second performance

WEKA delivers a data platform for today's enterprise AI workloads and high-performance applications

WEKA offers a modern subscription software-based data platform that delivers 10x performance and scale to meet the demands of high-performance computing (HPC), AI/ML, and data analytics workflows. Their technology is designed to offer high-performance and scalable file storage for data-intensive applications.

The technology subscription software has transformed enterprise and cloud storage by simplifying the way storage is deployed in the data center.

WEKA's model enables enterprises to build differentiated storage systems and convert data faster than local storage. Users can utilize large scale data pipelines with reduced times and highest images/secs benchmarks.

Enter OCI

WEKA has recently announced that it will be available on Oracle Cloud Infrastructure. Both companies have been collaborating to validate WEKA on OCI's NVIDIA-powered bare metal instances to deliver superior performance for critical workloads.

The positive outcome has led to initial results demonstrating the ability to provide nearly 2TB/Sec of throughput and over 11 million IOPs of performance.

As Oracle Cloud Infrastructure expands its portfolio of services, the WEKA Data Platform provides significant benefits to a variety of workloads on OCI, including EDA, AI/ML, life sciences and financial analysis.

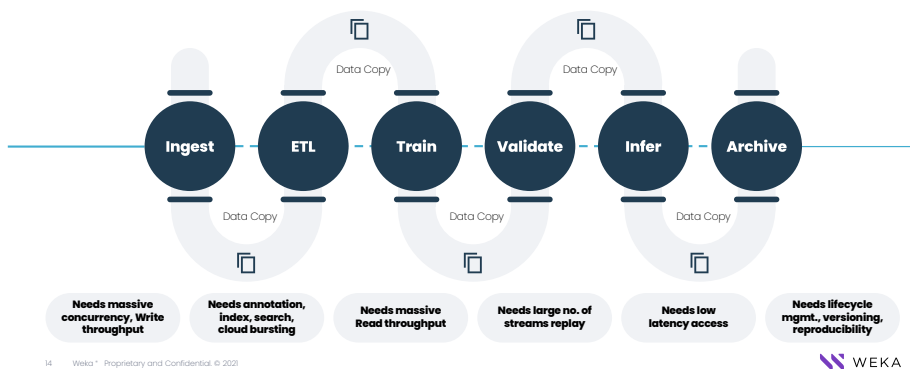
Initial results provided nearly 2TB/Sec of throughput and over 11 million IOPs of performance

For performance, WEKA not only prevents "data stalls" in data pipelines by eliminating data copies, but also keeps GPU utilization rates high by providing performant IO to applications.

Apart from performance, WEKA and OCI have also validated transparent storage tiering for WEKA by using S3 compatible OCI Object Storage as a low-cost tier. This enables customers to run workloads at petabyte-scale. A high-performance system uses local NVMe SSDs for hot data and object storage for warm/cold data.

With on-demand access to NVIDIA GPU architectures and bare metal instances, OCI brings a strong set of capabilities to run AI, HPC and data analytics workloads in the cloud. WEKA accelerates the data pipeline used to feed those capabilities and maximizes GPU utilization for greater cost savings.

Building AI Data Pipelines



“Oracle Cloud Infrastructure is a top tier hyperscaler cloud that provides XaaS compute and application services to Oracle customers, and offers a lot more than you might expect, including AI/ML and GPU workloads.”

— Joel Kaufman
Senior Technical Marketing Manager, WEKA

Learn more



Read more about WEKA on OCI



Explore OCI's HPC capabilities



Try Oracle Cloud Free Tier

