Job Orchestrator

Apache Airflow • Apache Spark • Kubeflow

ESCHER

Scheduling primitives to maximize performance by providing scheduling flexibility

Cluster Manager

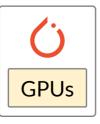RAY • kubernetes • slurm workload manager

Cilantro

Use ML to efficiently allocate cluster resources to meet SLAs

ML Applications

| GPUs | GPUs | GPUs |

Ekya

Efficient continuous learning on resource-constrained nodes