Saturn Cloud

POWERFUL, SCALABLE, EASY TO USE MACHINE LEARNING IN PYTHON

INTUITIVE USER INTERFACE
Query data and execute Python functions from the command line or the platform UI

100X FASTER DATA SCIENCE
Accelerate data science and ML with multi-node multi-GPU clusters

RESEARCH TO PRODUCTION
Go from research to production with deployments of models, scheduled jobs, and dashboards

CLUSTER COMPUTING
Build models faster on Dask clusters with autoscaling resources

WORKFLOW ORCHESTRATION
Schedule jobs with parallel processing using Prefect

CUSTOM ENVIRONMENTS
Build custom Docker environments, easily share projects and templates

FULLY MANAGED
Automate DevOps/ML engineering to scale Python

HIGHLY INTEGRATED
Deploy in your AWS account and integrate with your existing environment

ENTERPRISE SECURE
Deploys in a dedicated VPC in your AWS account, integrates with existing auth schemes; SOC 2 compliant

SCALE MACHINE LEARNING IN PYTHON FROM RESEARCH TO PRODUCTION

Traditional methods for scaling and deploying data science involve multiple tools, multiple teams, and multiple programming languages. Saturn Cloud solves this by providing the infrastructure for scalable Python as a managed service, so teams can focus on data science, and offload everything else.

KEY FEATURES

GPU ACCELERATION

Launch machines with one or more GPUs and pre-configured environments for:

- Deep learning with PyTorch and Tensorflow
- Accelerated data science with RAPIDS

PYTHON-NATIVE PARALLEL COMPUTING

Scale your projects from laptop to server to cluster with Dask for Python-native parallel processing:

- Scale popular data science and ML libraries, incl. Pandas, Numpy, and scikit-learn, using 100% Python; eliminates the need to rewrite code into Spark
- Execute Dask on CPU or GPU hardware for order of magnitude processing speedups

WORKFLOW ORCHESTRATION

Schedule and monitor workflows that execute in parallel across your cluster with Prefect:

- Run Prefect with Dask: launch tasks on-demand and run in parallel across your cluster
- Utilize Prefect's task library to schedule common tasks without developing custom integrations