

Canonical MLOps Solution Charmed Kubeflow



Get a deep learning edge

Canonical Charmed Kubeflow delivers major gains in efficiency, assurance and scale for enterprises and institutions seeking to benefit from artificial intelligence (AI) and machine learning (ML).

Our integrated solution based on fully supported, best-of-breed open source technologies including Kubeflow, MLFlow and Tensorflow enables secure, repeatable and efficient implementation of AI/ML applications from conception to production. Fully extensible Python and R support futureproof your investment.

Support for NVIDIA™ GPU accelerators and enablers including CUDA® and Triton™ Inference Server and greatly improves Data Scientist productivity and delivers breakthrough performance gains during the training phase and in production.

Benefits to your organisation

Accelerate your MLOps

Canonical Charmed Kubeflow streamlines burdensome and time-consuming low-level tasks around AI/ML model development, model retraining and deployment.

Improve governance

Delivered as a centralised data lab, Charmed Kubeflow offers a centrally managed, browser-based collaboration workspaces environment for Data Scientists, reducing risks associated with data breaches and proprietary knowledge exposure.

Seamless multi-cloud experience

Offering full portability, Charmed Kubeflow can be deployed across cloud providers and on-premise. Train your teams once to work consistently across hybrid and multi-cloud environments.

How it works

Automation from day-0 to day-2

Charmed Kubeflow is delivered as a fully functional Kubernetes operator-based runtime with minimal configuration and integration required. The solution includes comprehensive automation of day-0 to day-2 activities including deployment and upgrade.

Support how you need it

Freely licensed without constraints, customers can procure 24x7 support and managed application services for both cloud and on-premise deployments, with professional training options available.

Managed Kubeflow

Customers can deploy Charmed Kubeflow into their own tenancy or take advantage of Canonical Managed Application services for Charmed Kubeflow.

Full oversight

Charmed Kubeflow supports deployment to AWS, Azure and GCP clouds as well as OpenStack, VMWare and bare-metal environments.

- Minimize cloud lock-in
- Retain visibility and control
- Open source software
- Comprehensive MLOps solution
- 24x7 support
- Managed service option

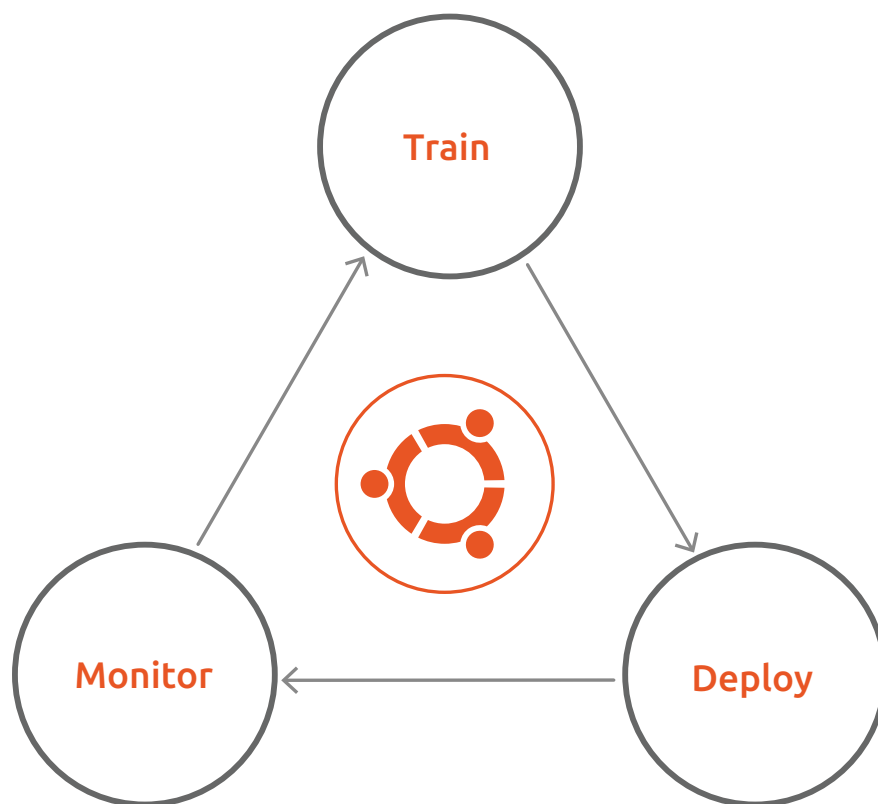
About Canonical

Canonical is the publisher of Ubuntu, the OS for most public cloud workloads as well as the emerging categories of smart gateways, self-driving cars and advanced robots.

Canonical provides enterprise security, support and services to commercial users of Ubuntu and a growing ecosystem of applications and services.

Established in 2004, Canonical is a privately held company.

Visit charmed-kubeflow.io or contact a sales representative



Fully automated AI model lifecycle management