

[AI & Machine Learning Products](https://cloud.google.com/products/machine-learning/) (<https://cloud.google.com/products/machine-learning/>)

[AI Platform](https://cloud.google.com/ml-engine/) (<https://cloud.google.com/ml-engine/>)

[Documentation](https://cloud.google.com/ml-engine/docs/) (<https://cloud.google.com/ml-engine/docs/>) [Guides](#)

AI Platform documentation

AI Platform brings the power and flexibility of TensorFlow, scikit-learn and XGBoost to the cloud. You can use AI Platform to train your machine learning models using the resources of Google Cloud. In addition, you can host your trained models on AI Platform so that you can send them prediction requests and manage your models and jobs using the Google Cloud services.

AI Platform Training and Prediction

Getting started

Guides for getting started with AI Platform Training and AI Platform Prediction.

(<https://cloud.google.com/ml-engine/docs/getting-started>)

AI Platform Training

Conceptual overviews and guides for performing specific AI Platform Training tasks.

(<https://cloud.google.com/ml-engine/docs/training>)

AI Platform Prediction

A conceptual overview and guides to performing specific AI Platform Prediction tasks.

(<https://cloud.google.com/ml-engine/docs/how-tos>)

How-to guides

Guides for performing specific AI Platform tasks relevant to both AI Platform Training and AI Platform Prediction.

(<https://cloud.google.com/ml-engine/docs/how-tos>)

APIs and reference

Reference documents for AI Platform Training and Prediction.

(<https://cloud.google.com/ml-engine/reference>)

Concepts

Conceptual documents about how AI Platform Training and Prediction works.

(<https://cloud.google.com/ml-engine/docs/concepts>)

Samples and tutorials

Walkthroughs of common applications.

(<https://cloud.google.com/ml-engine/docs/tutorials>)

Support

Assistance with AI Platform Training and Prediction issues.

(<https://cloud.google.com/ml-engine/docs/support>)

Resources

Pricing, quotas, release notes, and other resources.

(<https://cloud.google.com/ml-engine/docs/resources>)

Training with custom containers

Train models on AI Platform using custom containers to specify your choice of ML framework and other dependencies.

(<https://cloud.google.com/ml-engine/docs/custom-containers>)

Training with built-in algorithms^{beta}

Use built-in algorithms to train jobs on your data without writing any code for a training application.

(<https://cloud.google.com/ml-engine/docs/algorithms/>)

Other AI Platform services

AI Platform Notebooks^{beta}

Run TensorFlow or PyTorch notebooks using JupyterLab on virtual machine instances.

(<https://cloud.google.com/ml-engine/docs/notebooks>)

AI Platform Deep Learning VM Image

Train machine learning models with this set of Debian 9-based Compute Engine virtual machine images optimized for data science and machine learning tasks.

(<https://cloud.google.com/deep-learning-vm/docs/>)

AI Platform Data Labeling Service^{beta}

Use AI Platform Data Labeling Service to request having human labelers label a collection of data.

(<https://cloud.google.com/data-labeling/docs/>)

Machine learning educational resources

Machine Learning Crash Course

Try Google's fast-paced, practical introduction to machine learning with TensorFlow APIs.

(<https://developers.google.com/machine-learning/crash-course/>)

Learn with Google AI

Find information and exercises to help you develop your skills and advance your projects. Search by content type, job role, and stage of ML development to find the right resources for your needs.

(<https://ai.google/education>)

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