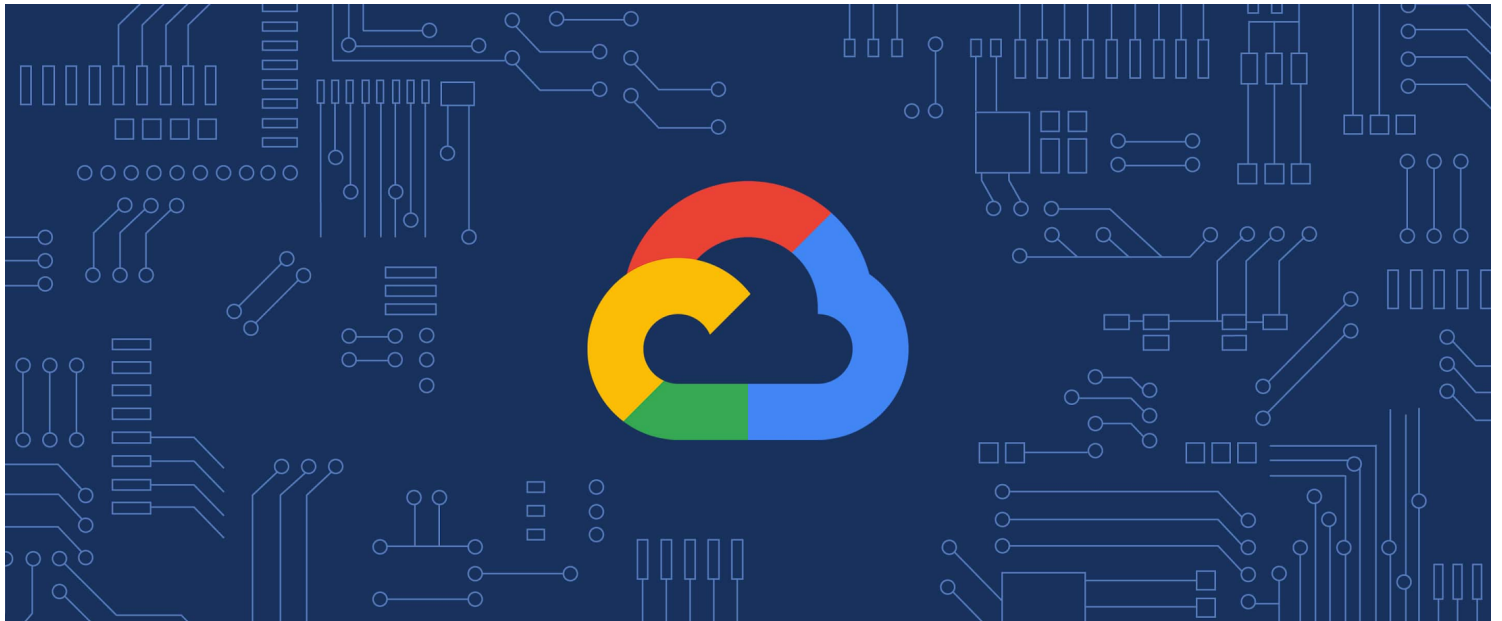


AI & MACHINE LEARNING

Google named a Leader in the Gartner 2020 Magic Quadrant for Cloud AI Developer Services



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which we deliver through Google Cloud. Let's take a closer look at some of Gartner's findings.

Vision AI for every enterprise use case

You don't need to be an ML expert to reap the benefits that our AI portfolio offers. Our [vision](#) and [video](#) APIs, along with AutoML Vision and Video products, let developers of any experience level build perception AI into their applications. These products help you understand and derive insights from your images and videos with industry-leading prediction accuracy in the cloud or at the edge.

Our Computer Vision products provide many features to help you understand your visual content and create powerful custom machine learning models:

- Through REST and RPC APIs, the [Vision API](#) provides access to pretrained models that are ready to use to quickly classify images.
- [AutoML Vision](#) automates the training of your own custom machine learning models with an easy-to-use graphical interface. It lets you optimize your models for accuracy, latency, and size, and export them to your application in the cloud, or to an array of devices at the edge.
- The [Video Intelligence API](#) has pre-trained machine learning models that automatically recognize a vast number of objects, places, and actions in stored and

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need training data that's as complete and clean as possible. AutoML Tables provides information about and automatically handles missing data, high cardinality, and distribution for each feature in a dataset. Then, in training, it automates a range of feature engineering tasks, from normalization of numeric features and creation of one-hot encoding, to embeddings for categorical features.

In addition, AutoML Tables also provides codeless GUI and python SDK options, as well as automated data preprocessing, feature engineering, hyperparameter and neural/tree architecture search, evaluation, model explainability, and deployment functionality. All of these features significantly reduce the amount of time it takes to bring a custom ML model to production from months to days.

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