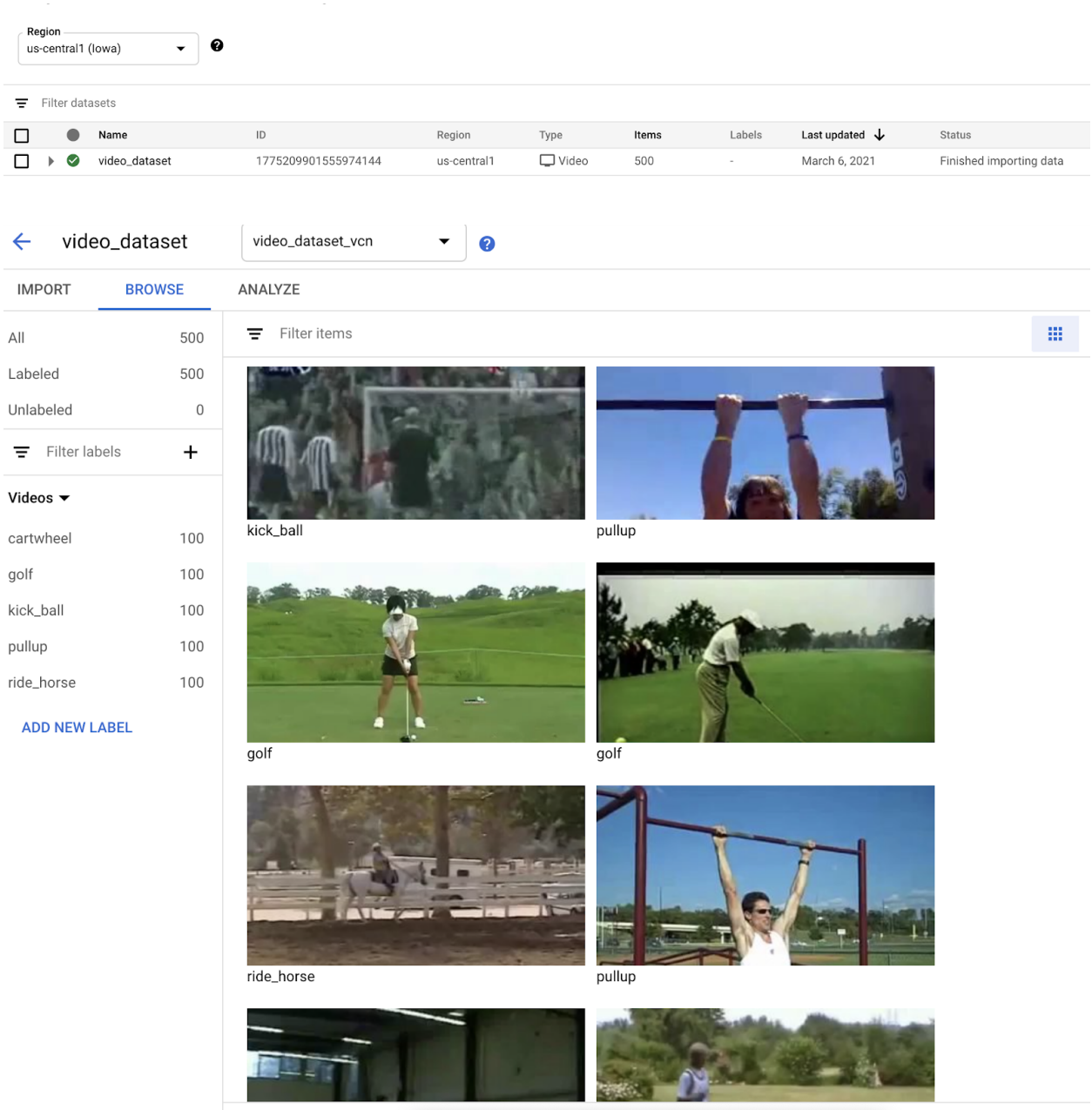
Video Dataset



Train new model

1. Choose training method
2. Define your model
3. Training container
4. Hyperparameter tuning (Optional)
5. Compute and pricing
6. Prediction container (Optional)

START TRAINING CANCEL

Dataset
video_dataset

Annotation set
video_dataset_vcn

Objective
Video classification

Please refer to the pricing guide for more details (and available deployment options) for each method.

Node hours will be calculated when training begins. You will receive an email with node hours estimation. You can choose to cancel training at any time.

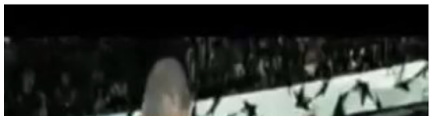
- AutoML
  Train high-quality models with minimal effort and machine learning expertise. **AutoML training automatically ends when your model stop improving.** Learn more
- AutoML Edge
  Train a model that can be exported for on-prem/on-device use. Typically has lower accuracy. Learn more
- Custom training (advanced)
  Run your TensorFlow, scikit-learn, and XGBoost training applications in the cloud. Train with one of Google Cloud's pre-built containers or use your own. Learn more

CONTINUE

olf

ullup

artwheel



Training jobs and models

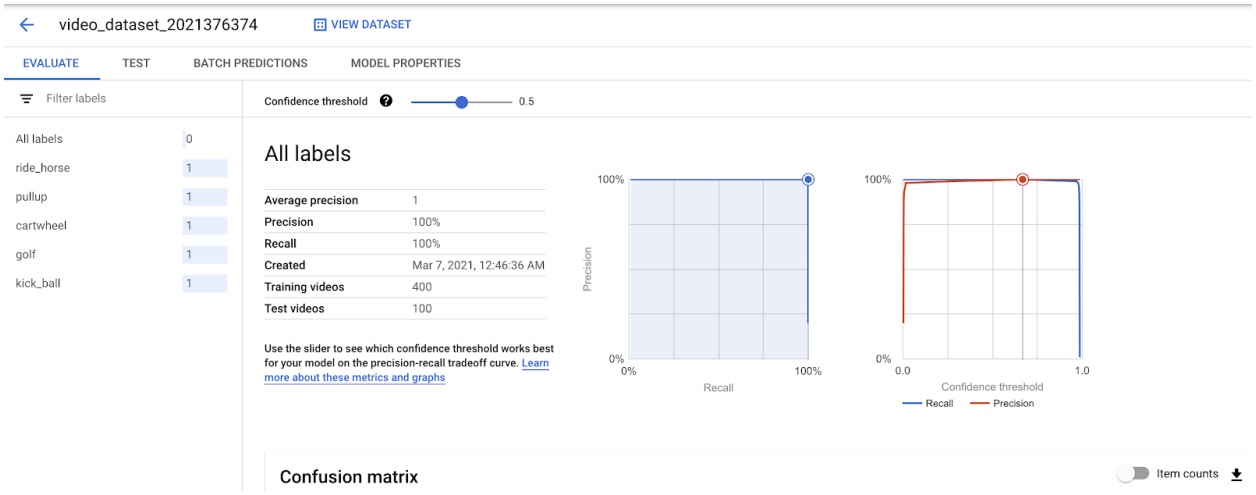
video_dataset_2021376374
Training model...

TRAIN NEW MODEL

Labeling tasks

If your data still needs to be labeled, create a labeling task to have others label it for you

CREATE LABELING TASK



cartwheel	1
golf	1
kick_ball	1

more about these metrics and graphs

Confusion matrix

Item counts

This table shows how often the model classified each label correctly (in blue), and which labels were most often confused for that label (in gray). **Note that this table is limited to the 10 most confused labels.** You can download the entire confusion matrix as a CSV file.

True label \ Predicted label	ride_horse	golf	cartwheel	pullup	kick_ball
ride_horse	100%	—	—	—	—
golf	—	100%	—	—	—
cartwheel	—	—	100%	—	—
pullup	—	—	—	100%	—
kick_ball	—	—	—	—	100%

New batch prediction

Batch prediction name *
video_batch_prediction

Model name
video_dataset_2021376374

File on Cloud Storage (JSONL)

Your file should contain a list of gs:// paths to the videos you want to make predictions on. More info on data formats

Source path *
gs:// automl-video-demo-data/hmdb_split1_predict.jsonl BROWSE

Select a Cloud Storage location

Prediction results will be stored in the selected Cloud Storage bucket

Output format
JSONL

Destination path *
gs:// direct-hope-306504-video BROWSE

Destination bucket must be standard storage class and located in us-central1 (single region only)

ADVANCED OPTIONS

CREATE CANCEL

Filter batch predictions

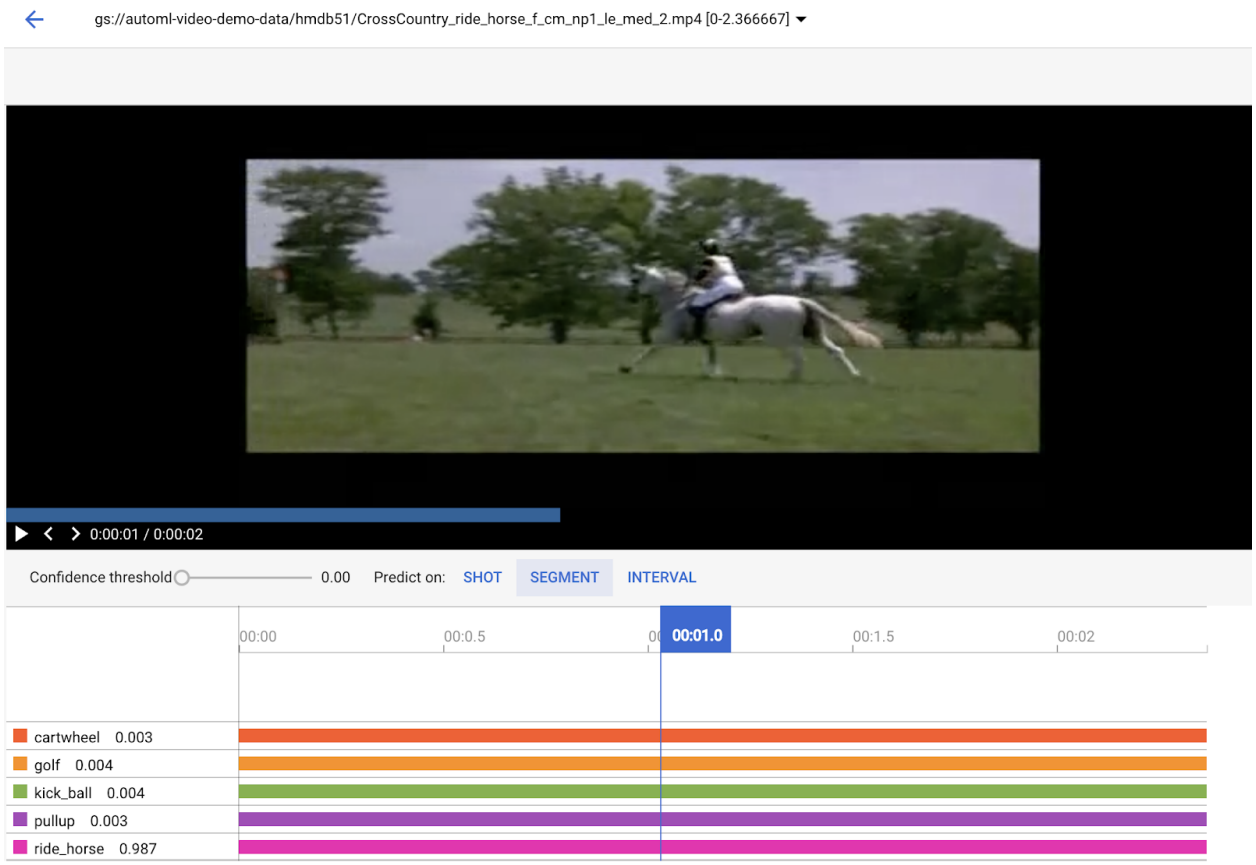
	Batch prediction	Last updated	Status	
✓	video_batch_prediction	March 7, 2021	Done	

← video_batch_prediction

Model	video_dataset_2021376374
Objective	Video classification
Import location	gs://automl-video-demo-data/hmdb_split1_predict.jsonl
Total items	5
Predicted items	5
Created	Mar 07, 2021 at 01:18PM
Updated	Mar 07, 2021 at 01:18PM
Elapsed time	28 sec
Status	Completed without errors
Export location	gs://direct-hope-306504-video/prediction-video_dataset_2021376374-2021-03-07T21:18:21.264738Z

VIEW RESULTS


gs://automl-video-demo-data/hmdb51/How_to_Shoot_Penalty_Kicks_kick_ball_f_cm_np1_ba_bad_4.mp4 [0-1.366667]
0:00:00 / 0:00:00
Confidence threshold
0.00
Predict on:
SHOT
SEGMENT
INTERVAL
00:00.0
00:0.5
00:01
00:1.5
00:02
cartwheel 0.004
golf 0.004
kick_ball 0.984
pullup 0.004
ride_horse 0.004

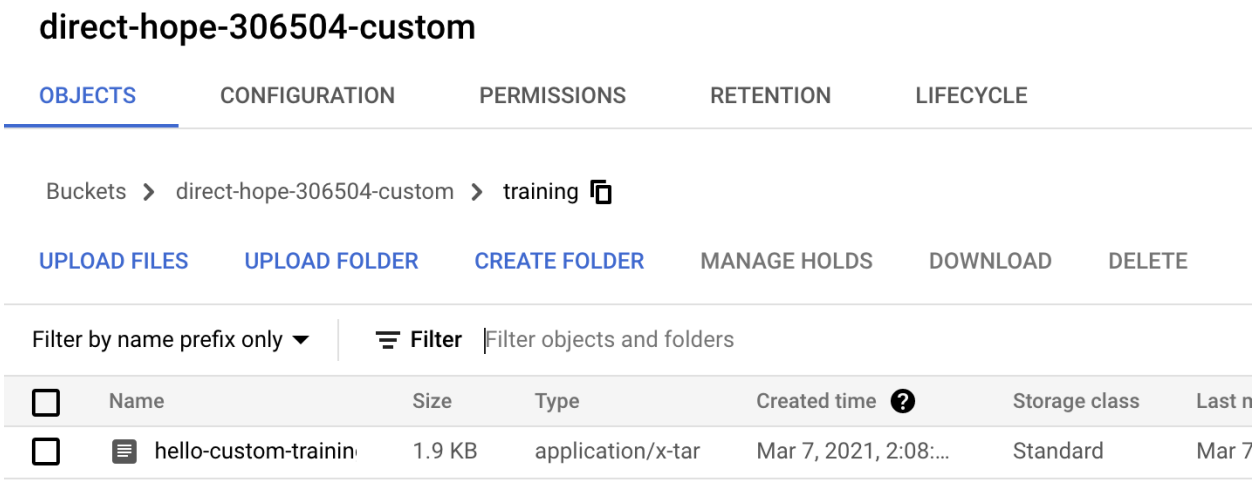


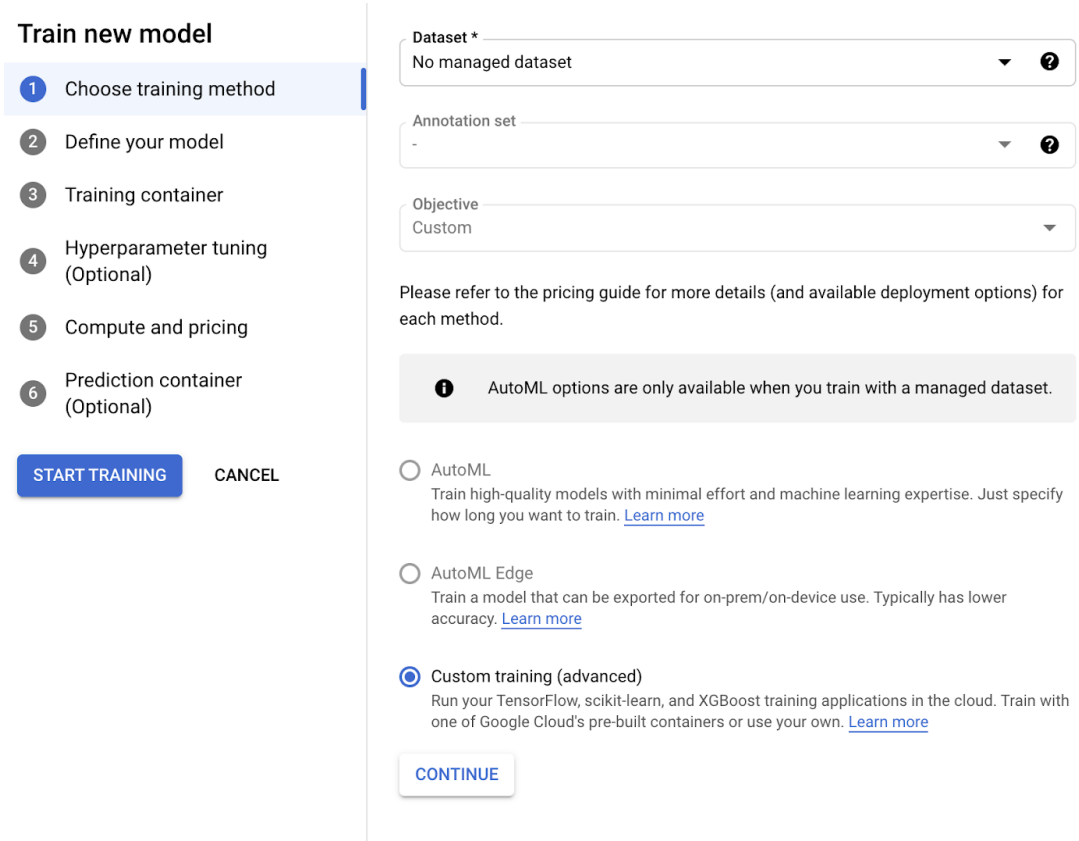
CUSTOM TRAINING

```
Updated property [core/project].
teepika_ramasamymarimuthu@cloudshell:~ (direct-hope-306504)$ gsutil cp gs://cloud-samples-data/ai-platform/hello-custom/hello-custom-sample-v1beta1.tar.gz - | tar -xzv
hello-custom-sample/
hello-custom-sample/webapp/
hello-custom-sample/function/
hello-custom-sample/setup.py
hello-custom-sample/trainer/
hello-custom-sample/trainer/task.py
hello-custom-sample/trainer/__init__.py
hello-custom-sample/function/requirements.txt
hello-custom-sample/function/main.py
hello-custom-sample/webapp/._index.html
hello-custom-sample/webapp/index.html
hello-custom-sample/webapp/image-list.txt
hello-custom-sample/webapp/index.css
hello-custom-sample/webapp/main.js
hello-custom-sample/webapp/function-url.js
teepika_ramasamymarimuthu@cloudshell:~ (direct-hope-306504)$
teepika_ramasamymarimuthu@cloudshell:~ (direct-hope-306504)$
teepika_ramasamymarimuthu@cloudshell:~ (direct-hope-306504)$
teepika_ramasamymarimuthu@cloudshell:~ (direct-hope-306504)$
teepika_ramasamymarimuthu@cloudshell:~ (direct-hope-306504)$
```

```
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$ python3 setup.py sdist --formats=gztar
running sdist
running egg_info
creating hello_custom_training.egg-info
writing hello_custom_training.egg-info/PKG-INFO
writing dependency_links to hello_custom_training.egg-info/dependency_links.txt
writing requirements to hello_custom_training.egg-info/requires.txt
writing top-level names to hello_custom_training.egg-info/top_level.txt
writing manifest file 'hello_custom_training.egg-info/SOURCES.txt'
reading manifest file 'hello_custom_training.egg-info/SOURCES.txt'
writing manifest file 'hello_custom_training.egg-info/SOURCES.txt'
warning: sdist: standard file not found: should have one of README, README.rst, README.txt, README.md

running check
warning: check: missing required meta-data: url

warning: check: missing meta-data: either (author and author_email) or (maintainer and maintainer_email) must be supplied

creating hello-custom-training-2.0
creating hello-custom-training-2.0/hello_custom_training.egg-info
creating hello-custom-training-2.0/trainer
copying files to hello-custom-training-2.0...
copying setup.py -> hello-custom-training-2.0
copying hello_custom_training.egg-info/PKG-INFO -> hello-custom-training-2.0/hello_custom_training.egg-info
copying hello_custom_training.egg-info/SOURCES.txt -> hello-custom-training-2.0/hello_custom_training.egg-info
copying hello_custom_training.egg-info/dependency_links.txt -> hello-custom-training-2.0/hello_custom_training.egg-info
copying hello_custom_training.egg-info/requires.txt -> hello-custom-training-2.0/hello_custom_training.egg-info
copying hello_custom_training.egg-info/top_level.txt -> hello-custom-training-2.0/hello_custom_training.egg-info
copying trainer/__init__.py -> hello-custom-training-2.0/trainer
copying trainer/task.py -> hello-custom-training-2.0/trainer
Writing hello-custom-training-2.0/setup.cfg
creating dist
Creating tar archive
removing 'hello-custom-training-2.0' (and everything under it)
```

```
ServiceException: 401 Anonymous caller does not have storage.objects.create access to the Google Cloud Storage object.
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$ gcloud auth login
Go to the following link in your browser:

    https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=32555940559.apps.googleusercontent.com&redirect_uri=urn%3Aietf%3Awg%3Aoauth%3A2.0%3Aoob&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcompute+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.reauth&state=wMTILCDYZPDQNFSWnA8urL6MBWlcJj&prompt=consent&access_type=offline&code_challenge=BWywq-BgKYT77vteKb0czeuUbzJrGFjr0Qy_N6qgl18&code_challenge_method=S256

Enter verification code: 4/1AY0e-g7p76on8MUytK2lAi4PX0YnbeNaFLp4vAru8FwbQQu5HgOoVKALzOc

You are now logged in as [teepika.ramasamymarimuthu@sjsu.edu].
Your current project is [direct-hope-306504].  You can change this setting by running:
  $ gcloud config set project PROJECT_ID
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$ gcloud auth application-default login

You are running on a Google Compute Engine virtual machine.
The service credentials associated with this virtual machine
will automatically be used by Application Default
Credentials, so it is not necessary to use this command.

If you decide to proceed anyway, your user credentials may be visible
to others with access to this virtual machine. Are you sure you want
to authenticate with your personal account?

Do you want to continue (Y/n)?  Y

Go to the following link in your browser:

    https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=764086051850-6qr4p6gpi6hn506pt8ejuq83di341hur.apps.googleusercontent.com&redirect_uri=urn%3Aietf%3Awg%3Aoauth%3A2.0%3Aoob&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.reauth&state=xMCbZpAQFTE7nnDPKlfijayaaU2t0u&prompt=consent&access_type=offline&code_challenge=tIaUBB6fc2apuTeCo_8jyiImrtKWETLAPz3EE-1fIOk&code_challenge_method=S256

Enter verification code: 4/1AY0e-g5d_D4q4XsRNfkyaolsA_uzsxIgXOacZT8_JpNvH07iw9977Rl0YPQ

Credentials saved to file: [/tmp/tmp.n9Vrjsx2jZ/application_default_credentials.json]

These credentials will be used by any library that requests Application Default Credentials (ADC).
/usr/bin/../lib/google-cloud-sdk/lib/third_party/google/auth/_default.py:69: UserWarning: Your application has authenticated using end user credentials from Google Cloud SDK without a quota project. You might receive a "quota exceeded" or "API not enabled" error. We recommend you rerun `gcloud auth application-default login` and make sure a quota project is added. Or you can use service accounts instead. For more information about service accounts, see https://cloud.google.com/docs/authentication/
  warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)

Quota project "direct-hope-306504" was added to ADC which can be used by Google client libraries for billing and quota. Note that some services may still bill the project owning the resource.
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$ gsutil cp dist/hello-custom-training-2.0.tar.gz gs://direct-hope-306504-custom/training/
Copying file://dist/hello-custom-training-2.0.tar.gz [Content-Type=application/x-tar]...
/ [1 files][  1.9 KiB/  1.9 KiB]
Operation completed over 1 objects/1.9 KiB.
```


direct-hope-306504-custom
OBJECTS
CONFIGURATION
PERMISSIONS
RETENTION
LIFECYCLE
Buckets
direct-hope-306504-custom
training
UPLOAD FILES
UPLOAD FOLDER
CREATE FOLDER
MANAGE HOLDS
DOWNLOAD
DELETE
Filter by name prefix only
Filter
Filter objects and folders
Name
Size
Type
Created time
Storage class
hello-custom-trainin
1.9 KB
application/x-tar
Mar 7, 2021, 2:08:...
Standard
Mar 7


Train new model
1 Choose training method
2 Define your model
3 Training container
4 Hyperparameter tuning (Optional)
5 Compute and pricing
6 Prediction container (Optional)
START TRAINING
CANCEL
Dataset *
No managed dataset
Annotation set
-
Objective
Custom
Please refer to the pricing guide for more details (and available deployment options) for each method.
AutoML options are only available when you train with a managed dataset.
AutoML
Train high-quality models with minimal effort and machine learning expertise. Just specify how long you want to train. Learn more
AutoML Edge
Train a model that can be exported for on-prem/on-device use. Typically has lower accuracy. Learn more
Custom training (advanced)
Run your TensorFlow, scikit-learn, and XGBoost training applications in the cloud. Train with one of Google Cloud's pre-built containers or use your own. Learn more
CONTINUE

Train new model

- ✓ Choose training method
- ✓ Define your model
- 3 Training container
- 4 Hyperparameter tuning (Optional)
- 5 Compute and pricing
- 6 Prediction container (Optional)

START TRAINING CANCEL

Select a pre-built container or build a custom container using ML frameworks (as well as non-ML dependencies, libraries and binaries) that are not otherwise supported. Learn more

(•) Pre-built container
View the list of supported runtimes including TensorFlow and scikit-learn versions

( ) Custom container
Build a custom Docker container. Must be stored in Container Registry

Pre-built container settings

Before you begin, you need to package and upload your application code and dependencies to a Cloud Storage bucket. Learn more

In order to run in a pre-built container, your code needs to be in Python 3.7

Model framework *
TensorFlow

Model framework version *
2.1

Package location (Cloud Storage path) *
gs:// direct-hope-306504-custom/training/hello-custom-train BROWSE

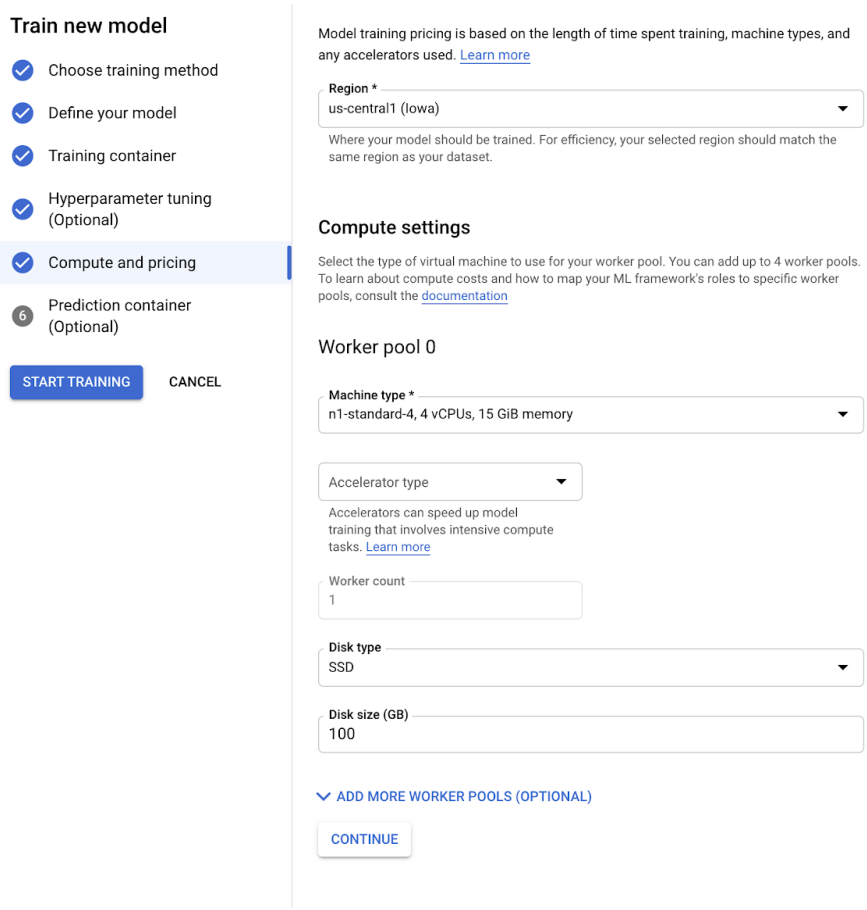
Learn how to package and upload your application code and dependencies

+ ADD PACKAGE

Python module *
trainer.task

Model output directory
gs:// direct-hope-306504-custom/output/ BROWSE

Your model artifacts and other data needed for training will be stored on Cloud Storage. You should specify a path here if you do not set an output directory in your application code or arguments.


Train new model
Choose training method
Define your model
Training container
Hyperparameter tuning (Optional)
Compute and pricing
6
Prediction container (Optional)
START TRAINING
CANCEL
Model training pricing is based on the length of time spent training, machine types, and any accelerators used. Learn more
Region *
us-central1 (Iowa)
Where your model should be trained. For efficiency, your selected region should match the same region as your dataset.
Compute settings
Select the type of virtual machine to use for your worker pool. You can add up to 4 worker pools. To learn about compute costs and how to map your ML framework's roles to specific worker pools, consult the documentation
Worker pool 0
Machine type *
n1-standard-4, 4 vCPUs, 15 GiB memory
Accelerator type
Accelerators can speed up model training that involves intensive compute tasks. Learn more
Worker count
1
Disk type
SSD
Disk size (GB)
100
ADD MORE WORKER POOLS (OPTIONAL)
CONTINUE

Train new model

- Choose training method
- Define your model
- Training container
- Hyperparameter tuning (Optional)
- Compute and pricing
- 6 Prediction container (Optional)

START TRAINING CANCEL

You can associate your custom-trained model with a container in order to serve prediction requests using AI Platform (Unified). Learn more about getting predictions.

- ○ No prediction container
  You can always import your model artifact later to serve prediction requests
- ◉ Pre-built container
  View the list of supported runtimes including TensorFlow, scikit-learn and PyTorch versions
- ○ Custom container
  Build a custom Docker container. Must be stored in Container Registry or Artifact Registry

Pre-built container settings

AI Platform (Unified) provides Docker container images for serving predictions. To use a pre-built container, your trained model code must be in Python 3.7. Learn more about pre-built containers

In order to run in a pre-built container, your code needs to be in Python 3.7

Model framework *
TensorFlow

Model framework version *
2.1

Accelerator type *
None

Model directory *
gs:// direct-hope-306504-custom/output/ BROWSE

Cloud Storage location containing the model artifact and any supporting files

Predict schemata

Optional. Learn more about the predict schemata

gs:// Instances BROWSE

Cloud Storage location to a YAML file that defines the format of a single instance used in prediction and explanation requests.

gs:// Parameters BROWSE

Cloud Storage location to a YAML file that defines the prediction and explanation

custom_model

Training began at Mar 7, 2021, 2:29:46 PM and is still in progress.

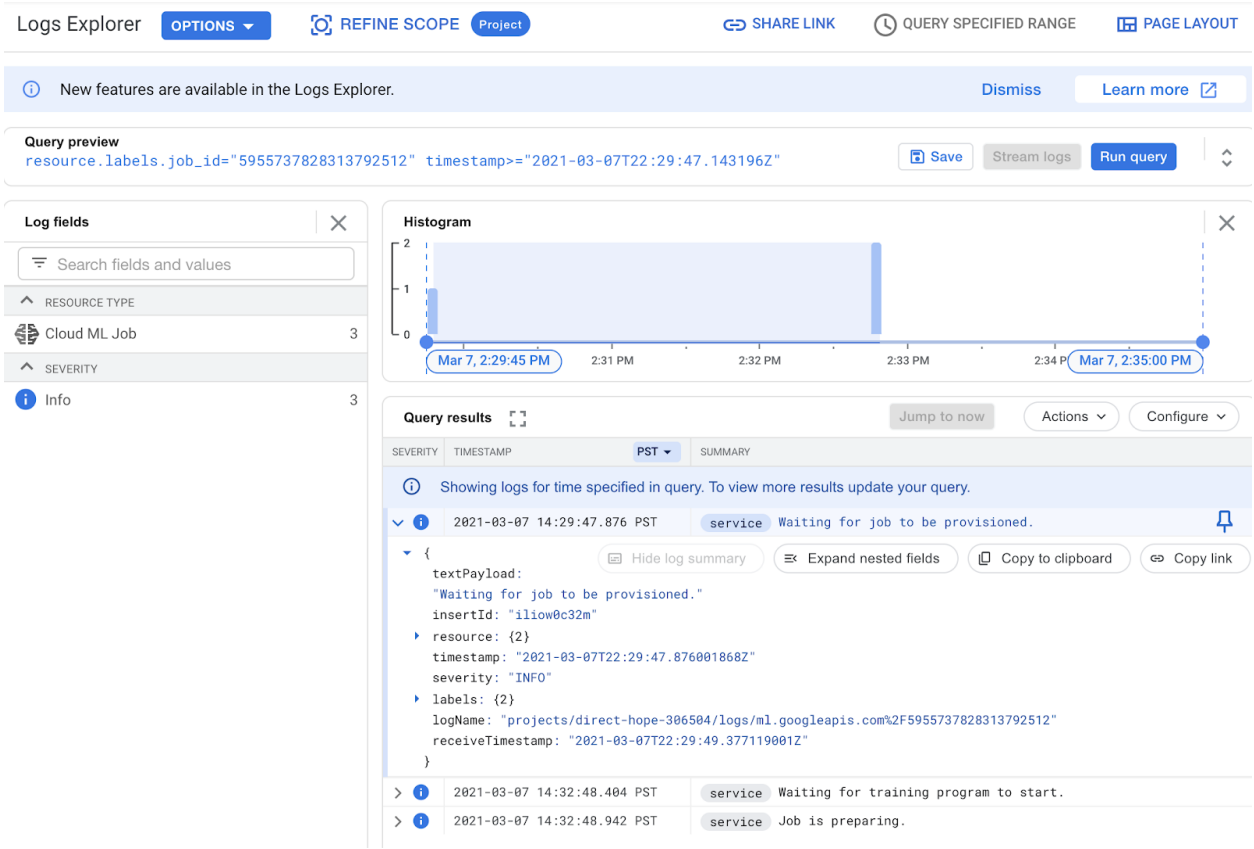
Status	Running
Training pipeline ID	9018185574925729792
Created	Mar 7, 2021, 2:29:36 PM
Start time	Mar 7, 2021, 2:29:46 PM
Elapsed time	4 min 1 sec
Region	us-central1
Encryption type	Google-managed key
Custom job	5955737828313792512

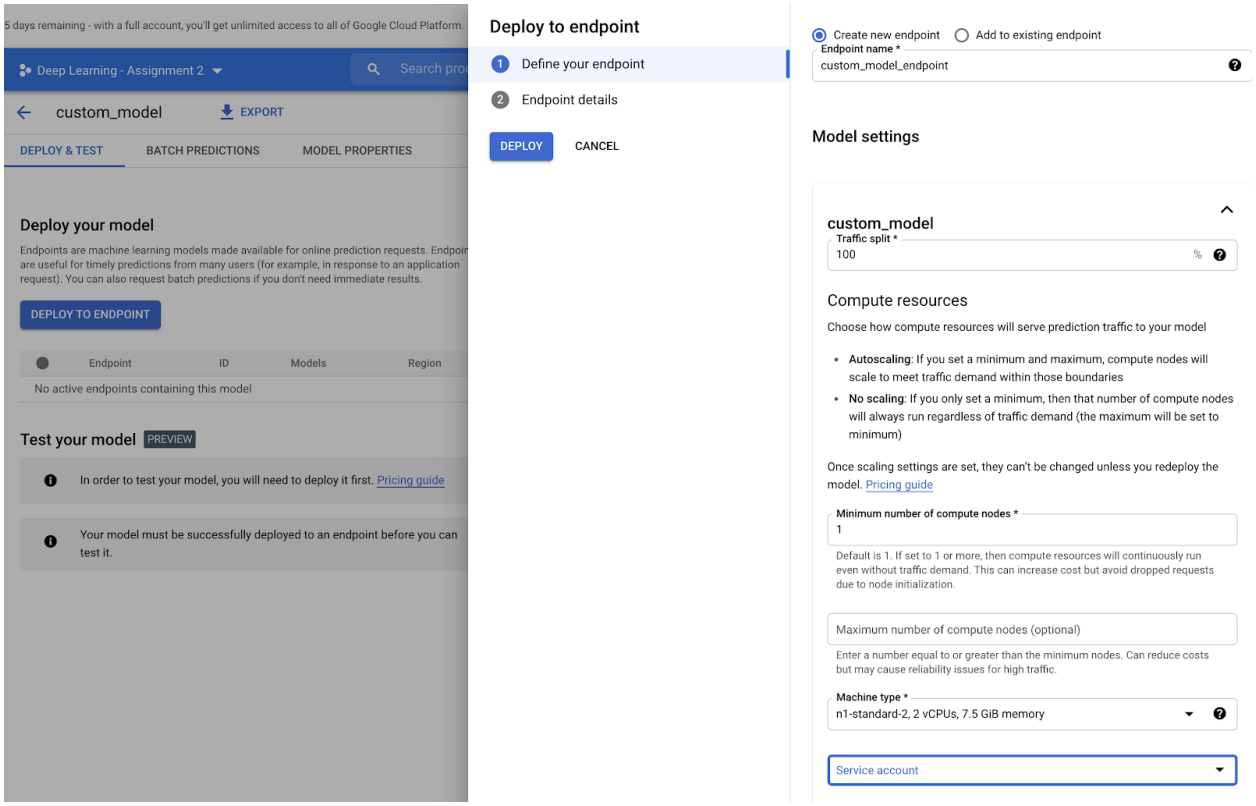
Machine type (Worker pool 0)	n1-standard-4
Machine count (Worker pool 0)	1
Container Location (Worker pool 0)	us-docker.pkg.dev/cloud-aiplatform/training/tf-cpu.2-1:latest

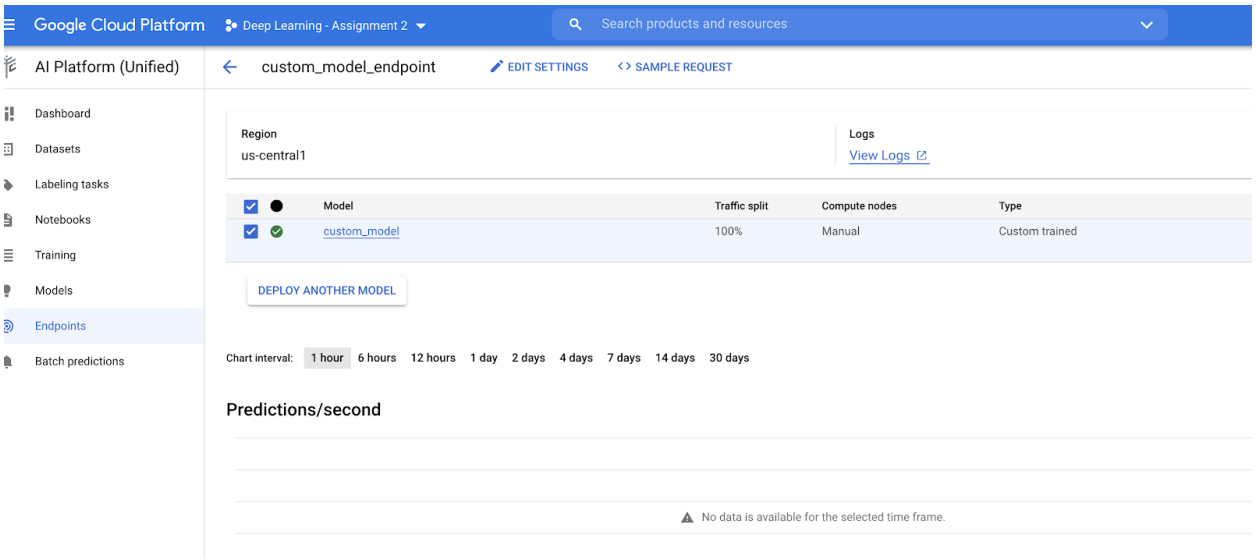
Dataset	No managed dataset

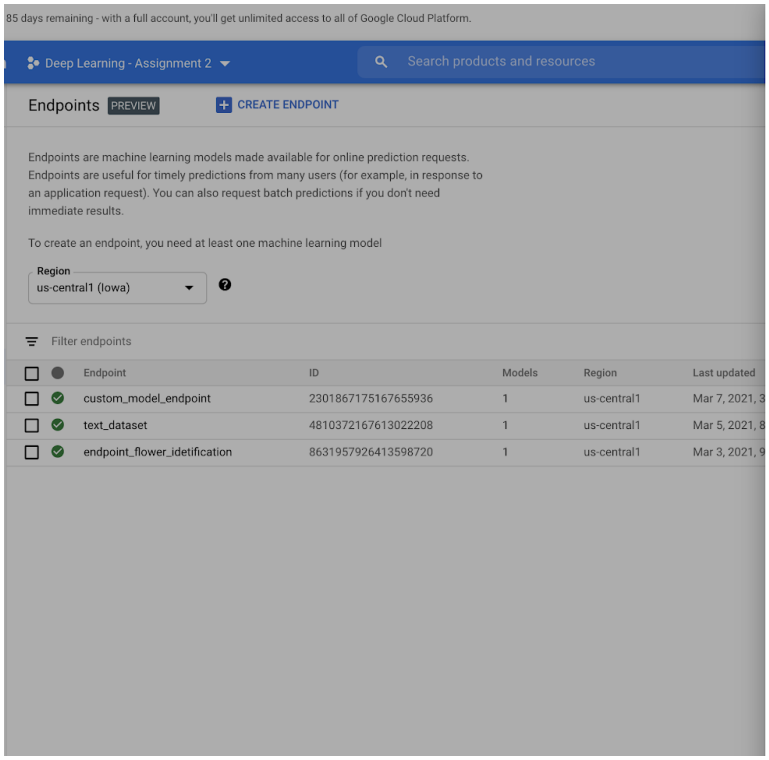
Algorithm	Custom training
Objective	Custom
Container (Training)	Prebuilt; TensorFlow 2.1; Python 3.7
Package locations	gs://direct-hope-306504-custom/training/hello-custom-training-2.0.tar.gz

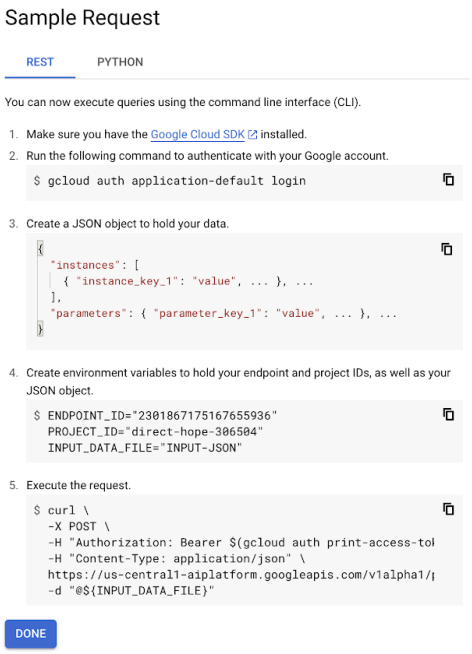
Container (inference)	Prebuilt; TensorFlow 2.1; Python 3.7
Container Location (inference)	us-docker.pkg.dev/cloud-aiplatform/prediction/tf2-cpu.2-1:latest

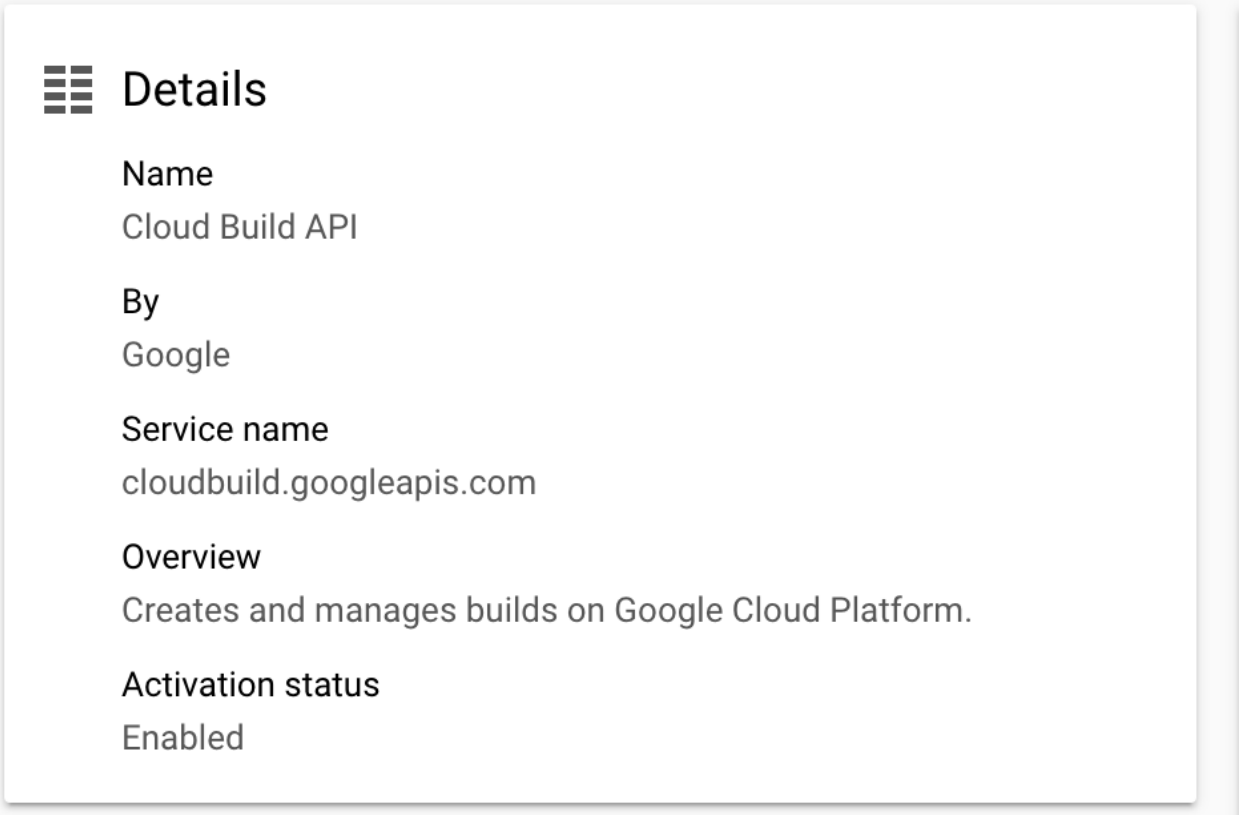

Logs Explorer
OPTIONS
REFINE SCOPE
Project
SHARE LINK
QUERY SPECIFIED RANGE
PAGE LAYOUT
New features are available in the Logs Explorer.
Dismiss
Learn more
Query preview
resource.labels.job_id="5955737828313792512" timestamp>="2021-03-07T22:29:47.143196Z"
Save
Stream logs
Run query
Log fields
Search fields and values
RESOURCE TYPE
Cloud ML Job 3
SEVERITY
Info 3
Histogram
2
1
0
Mar 7, 2:29:45 PM
2:31 PM
2:32 PM
2:33 PM
2:34 P
Mar 7, 2:35:00 PM
Query results
Jump to now
Actions
Configure
SEVERITY
TIMESTAMP
PST
SUMMARY
Showing logs for time specified in query. To view more results update your query.
2021-03-07 14:29:47.876 PST
service
Waiting for job to be provisioned.
Hide log summary
Expand nested fields
Copy to clipboard
Copy link
{
textPayload:
"Waiting for job to be provisioned."
insertId: "iliow0c32m"
resource: {2}
timestamp: "2021-03-07T22:29:47.876001868Z"
severity: "INFO"
labels: {2}
logName: "projects/direct-hope-306504/logs/ml.googleapis.com%2F5955737828313792512"
receiveTimestamp: "2021-03-07T22:29:49.377119001Z"
}
2021-03-07 14:32:48.404 PST
service
Waiting for training program to start.
2021-03-07 14:32:48.942 PST
service
Job is preparing.


5 days remaining - with a full account, you'll get unlimited access to all of Google Cloud Platform.
Deep Learning - Assignment 2
Search pro
custom_model
EXPORT
DEPLOY & TEST
BATCH PREDICTIONS
MODEL PROPERTIES
Deploy your model
Endpoints are machine learning models made available for online prediction requests. Endpoint
are useful for timely predictions from many users (for example, in response to an application
request). You can also request batch predictions if you don't need immediate results.
DEPLOY TO ENDPOINT
Endpoint
ID
Models
Region
No active endpoints containing this model
Test your model
PREVIEW
In order to test your model, you will need to deploy it first. Pricing guide
Your model must be successfully deployed to an endpoint before you can test it.
Deploy to endpoint
1 Define your endpoint
2 Endpoint details
DEPLOY
CANCEL
Create new endpoint
Add to existing endpoint
Endpoint name *
custom_model_endpoint
Model settings
custom_model
Traffic split *
100
%
Compute resources
Choose how compute resources will serve prediction traffic to your model
Autoscaling: If you set a minimum and maximum, compute nodes will scale to meet traffic demand within those boundaries
No scaling: If you only set a minimum, then that number of compute nodes will always run regardless of traffic demand (the maximum will be set to minimum)
Once scaling settings are set, they can't be changed unless you redeploy the model. Pricing guide
Minimum number of compute nodes *
1
Default is 1. If set to 1 or more, then compute resources will continuously run even without traffic demand. This can increase cost but avoid dropped requests due to node initialization.
Maximum number of compute nodes (optional)
Enter a number equal to or greater than the minimum nodes. Can reduce costs but may cause reliability issues for high traffic.
Machine type *
n1-standard-2, 2 vCPUs, 7.5 GiB memory
Service account


Google Cloud Platform
Deep Learning - Assignment 2
Search products and resources
AI Platform (Unified)
custom_model_endpoint
EDIT SETTINGS
SAMPLE REQUEST
Dashboard
Datasets
Labeling tasks
Notebooks
Training
Models
Endpoints
Batch predictions
Region
us-central1
Logs
View Logs
Model
Traffic split
Compute nodes
Type
custom_model
100%
Manual
Custom trained
DEPLOY ANOTHER MODEL
Chart interval:
1 hour
6 hours
12 hours
1 day
2 days
4 days
7 days
14 days
30 days
Predictions/second
No data is available for the selected time frame.


85 days remaining - with a full account, you'll get unlimited access to all of Google Cloud Platform.
Deep Learning - Assignment 2
Search products and resources
Endpoints PREVIEW
CREATE ENDPOINT
Endpoints are machine learning models made available for online prediction requests. Endpoints are useful for timely predictions from many users (for example, in response to an application request). You can also request batch predictions if you don't need immediate results.
To create an endpoint, you need at least one machine learning model
Region
us-central1 (Iowa)
Filter endpoints
Endpoint ID Models Region Last updated
custom_model_endpoint 2301867175167655936 1 us-central1 Mar 7, 2021, 3
text_dataset 4810372167613022208 1 us-central1 Mar 5, 2021, 8
endpoint_flower_idetification 8631957926413598720 1 us-central1 Mar 3, 2021, 9


Sample Request
REST
PYTHON
You can now execute queries using the command line interface (CLI).
1. Make sure you have the Google Cloud SDK installed.
2. Run the following command to authenticate with your Google account.
$ gcloud auth application-default login
3. Create a JSON object to hold your data.
{
"instances": [
{ "instance_key_1": "value", ... }, ...
],
"parameters": { "parameter_key_1": "value", ... }, ...
}
4. Create environment variables to hold your endpoint and project IDs, as well as your JSON object.
$ ENDPOINT_ID="2301867175167655936"
PROJECT_ID="direct-hope-306504"
INPUT_DATA_FILE="INPUT-JSON"
5. Execute the request.
$ curl \
-X POST \
-H "Authorization: Bearer $(gcloud auth print-access-tol
-H "Content-Type: application/json" \
https://us-central1-aiplatform.googleapis.com/v1alpha1/
-d "@${INPUT_DATA_FILE}"
DONE


Details
Name
Cloud Build API
By
Google
Service name
cloudbuild.googleapis.com
Overview
Creates and manages builds on Google Cloud Platform.
Activation status
Enabled

```
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$ gcloud functions deploy classify_flower   --region us-cen
tral1   --source=function   --runtime=python37   --memory=2048MB   --trigger-http   --allow-unauthenticated   --set-env-vars ENDPOINT_ID=2
301867175167655936
Deploying function (may take a while - up to 2 minutes)...⠹
For Cloud Build Stackdriver Logs, visit: https://console.cloud.google.com/logs/viewer?project=direct-hope-306504&advancedFilter=resource.t
ype%3Dbuild%0Aresource.labels.build_id%3D7edd5a5a-7667-47b9-a1b5-f452e62c88b1%0AlogName%3Dprojects%2Fdirect-hope-306504%2Flogs%2Fcloudbuil
d
Deploying function (may take a while - up to 2 minutes)...done.
availableMemoryMb: 2048
buildId: 7edd5a5a-7667-47b9-a1b5-f452e62c88b1
entryPoint: classify_flower
environmentVariables:
  ENDPOINT_ID: '2301867175167655936'
httpsTrigger:
  securityLevel: SECURE_OPTIONAL
  url: https://us-central1-direct-hope-306504.cloudfunctions.net/classify_flower
ingressSettings: ALLOW_ALL
labels:
  deployment-tool: cli-gcloud
name: projects/direct-hope-306504/locations/us-central1/functions/classify_flower
runtime: python37
serviceAccountEmail: direct-hope-306504@appspot.gserviceaccount.com
sourceUploadUrl: https://storage.googleapis.com/gcf-upload-us-central1-09b40182-6e84-417e-b6e8-17703cf78503/6f87e406-7afc-4181-8c94-7c2da4
22e0da.zip?GoogleAccessId=service-990704915987@gcf-admin-robot.iam.gserviceaccount.com&Expires=1615164444&Signature=HHSnAijxRVBq8C2DpmcDl2
L0GBCNA%2BXp%2FaWlXEXZ2msHPTNYXHFXIBDtnq4xQZV%2FKhxFrRxLTLsLbIYP%2BZwJEoyOUKsyJlZEIz55NJuLl9jJ6gi4JB3%2FGnucDKMzI16d28r5rTVkPiSdfc1%2B5Aac
PnoG9hnr4mpzQowOLgJEVtL381AU2WNlqOUeWNxWAY565KPf%2F%2FGn2s7xvfqU7ImfdSQ5q8TLUKEwewhn8lDmTYN%2FLbxQvwuVas%2BRV4Pj%2FROMHFwN4MK%2FHAskliTHfT
g%2FAT6VYxhRmbz4hfUZimfhnyC%2FrVqVRVawHRKwpCGJZKBRh6KB099WqmojhWGEX3tgpw%3D%3D
status: ACTIVE
timeout: 60s
updateTime: '2021-03-08T00:21:29.129Z'
versionId: '3'
```

```
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$ gsutil -m cp -r webapp gs://${BUCKET_NAME}/
Copying file://webapp/function-url.js [Content-Type=application/javascript]...
Copying file://webapp/index.html [Content-Type=text/html]...
Copying file://webapp/._index.html [Content-Type=text/html]...
Copying file://webapp/main.js [Content-Type=application/javascript]...
Copying file://webapp/image-list.txt [Content-Type=text/plain]...
Copying file://webapp/index.css [Content-Type=text/css]...
- [6/6 files][133.4 KiB/133.4 KiB] 100% Done
Operation completed over 6 objects/133.4 KiB.
```

```
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$ gsutil -m acl ch -u AllUsers:R gs://${BUCKET_NAME}/webapp
/**
Updated ACL on gs://direct-hope-306504-custom/webapp/._index.html
Updated ACL on gs://direct-hope-306504-custom/webapp/main.js
Updated ACL on gs://direct-hope-306504-custom/webapp/function-url.js
Updated ACL on gs://direct-hope-306504-custom/webapp/index.css
Updated ACL on gs://direct-hope-306504-custom/webapp/image-list.txt
Updated ACL on gs://direct-hope-306504-custom/webapp/index.html
teepika_ramasamymarimuthu@cloudshell:~/hello-custom-sample (direct-hope-306504)$
```

storage.googleapis.com/direct-hope-306504-custom/webapp/index.html

Hello custom training

Click on any of the following images to request a prediction from your image classification model.

GET SIX NEW IMAGES

daisy

daisy

daisy

dandelion

tulips

tulips

storage.googleapis.com/direct-hope-306504-custom/webapp/index.html

Click on any of the following images to request a prediction from your image classification model.

GET SIX NEW IMAGES

dandelion

tulips

dandelion

dandelion

tulips

sunflowers

Click on any of the following images to request a prediction from your image classification model.

GET SIX NEW IMAGES

dandelion

sunflowers

tulips

sunflowers

roses

dandelion