Cloud AutoML Vision

Making individual predictions

After you have created (trained) a model, you can request a prediction for an image using the <u>predict</u> (https://cloud.google.com/automl/docs/reference/rest/v1/projects.locations.models/predict) method. The <u>predict</u> method applies labels to your image based on the primary object of the image that your model predicts.

The maximum lifespan for a custom model is 18 months as of the GA release. You must create and train a new model to continue classifying content after that amount of time.

Online (individual) prediction

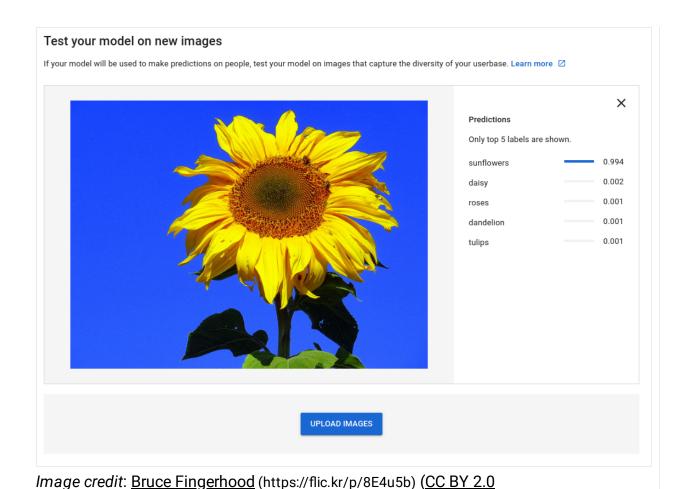
This section describes sending an individual file for annotation. This request will immediately return a response.

You can also send a <u>batch of files</u> (https://cloud.google.com/vision/automl/docs/predict-batch) for annotation. Batch file annotation is a long-running operation, and stores results in a Cloud Storage bucket of your choosing.

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Note: Starting September 2019 we will start migrating AutoML Vision users to a new user interface that may affect the steps in this operation. This migration will occur in an on-going basis. See the "Integrated UI" tab for instructions using the updated interface.

- 1. Open the <u>AutoML Vision UI</u> (https://console.cloud.google.com/vision) and click the lightbulb icon in the left navigation bar to display the available models.
 - To view the models for a different project, select the project from the drop-down list in the upper right of the title bar.
- 2. Click the row for the model you want to use to label your images.
- 3. Click the **Test & Use** tab just below the title bar.
- 4. Click **Upload Images** to upload the images that you want to label.



Important: The error message "Model is warming up. Please try again later." indicates you should wait a few minutes before trying to query the model again. This warmup delay can occur when you initially query your model, or when you make a request from a model that has not been queried recently.

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