Cloud AutoML Vision Object Detection

Method: projects.locations.models.exportEvaluatedEx...

Exports examples on which the model was evaluated (i.e. which were in the TEST set of the dataset the model was created from), together with their ground truth annotations and the annotations created (predicted) by the model. The examples, ground truth and predictions are exported in the state they were at the moment the model was evaluated.

This export is available only for 30 days since the model evaluation is created.

Currently only available for Tables.

Returns an empty response in the **response** (https://cloud.google.com/vision/automl/object-detection/docs/reference/rest/v1beta1/projects.locations.operations#Operation.FIELDS.response) field when it completes.

HTTP request

`POST https://automl.googleapis.com/v1beta1/{name}:exportEvaluatedExamples`

Path parameters

Parameters	
name	**string** Required. The resource name of the model whose evaluated examples are to be exported. Authorization requires the following Google IAM (https://cloud.google.com/iam) permission on the specified resource **name**: • `automl.modelEvaluations.get`

Request body

The request body contains data with the following structure:

JSON representation

``
{
  "outputConfig": {
    object (ExportEvaluatedExamplesOutputConfig (https://cloud.google.com/vision/automl/objec
  }
}
``

Fields	
outputConfig	object (ExportEvaluatedExamplesOutputConfig (https://cloud.google.com/vision/automl/object-detection/docs/reference/rest/v1beta1/projects.locations.models/exportEvaluatedExamples#ExportEvaluatedExamplesOutputConfig)) Required. The desired output location and configuration.

Response body

If successful, the response body contains an instance of **Operation** (https://cloud.google.com/vision/automl/object-detection/docs/reference/rest/v1beta1/projects.locations.operations#Operation) .

Authorization Scopes

Requires the following OAuth scope:

- `https://www.googleapis.com/auth/cloud-platform`

For more information, see the Authentication Overview (https://cloud.google.com/docs/authentication/).

ExportEvaluatedExamplesOutputConfig

Output configuration for models.exportEvaluatedExamples Action. Note that this call is available only for 30 days since the moment the model was evaluated. The output depends on the domain, as follows (note that only examples from the TEST set are exported):

- For Tables:

<u>bigqueryDestination</u>
 (https://cloud.google.com/vision/automl/object-
detection/docs/reference/rest/v1beta1/projects.locations.datasets/exportData#OutputConfig.FIELDS.bigq
uery_destination)
pointing to a BigQuery project must be set. In the given project a new dataset will be created with name

`export_evaluated_examples_<model-display-name>_<timestamp-of-export-call>` where will be made BigQuery-dataset-name compatible (e.g. most special characters will become underscores), and timestamp will be in YYYY_MM_DDThh_mm_ss_sssZ "based on ISO-8601" format. In the dataset an `evaluatedExamples` table will be created. It will have all the same columns as the

<u>primary_table</u>
 (https://cloud.google.com/vision/automl/object-
detection/docs/reference/rest/v1beta1/projects.locations.datasets#TablesDatasetMetadata.FIELDS.prima
ry_table_spec_id)
of the <u>dataset</u>
 (https://cloud.google.com/vision/automl/object-
detection/docs/reference/rest/v1beta1/projects.locations.models#Model.FIELDS.dataset_id)
from which the model was created, as they were at the moment of model's evaluation (this includes the target column with its ground truth), followed by a column called "predicted_". That last column will contain the model's prediction result for each respective row, given as ARRAY of <u>AnnotationPayloads</u>
 (https://cloud.google.com/vision/automl/object-
detection/docs/reference/rest/v1beta1/projects.locations.models/predict#AnnotationPayload)
, represented as STRUCT-s, containing <u>TablesAnnotation</u>
 (https://cloud.google.com/vision/automl/object-
detection/docs/reference/rest/v1beta1/projects.locations.models/predict#TablesAnnotation)
.

JSON representation

JSON representation

```
{
  "bigqueryDestination": {
    object (BigQueryDestination (https://cloud.google.com/vision/automl/object-detection/docs/ref
  }
}
```

Fields

bigqueryDestination	object (BigQueryDestination (https://cloud.google.com/vision/automl/object-detection/docs/reference/rest/v1beta1/BigQueryDestination))
	The BigQuery location where the output is to be written to.