Cloud AutoML Vision

Method: projects.locations.datasets.exportData

Exports dataset's data to the provided output location. Returns an empty response in the `response` (https://cloud.google.com/vision/automl/docs/reference/rest/v1beta1/projects.locations.operations#Operation.FIELDS.response) field when it completes.

HTTP request

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

Path parameters

Parameters	
`name`	`string` Required. The resource name of the dataset. Authorization requires the following Google IAM (https://cloud.google.com/iam) permission on the specified resource `name`: • `automl.datasets.export`

Request body

The request body contains data with the following structure:

JSON representation

JSON representation
{ "outputConfig": { object (OutputConfig (https://cloud.google.com/vision/automl/docs/reference/rest/v1beta1/proje } }

Fields	
outputConfig	object (OutputConfig (https://cloud.google.com/vision/automl/docs/reference/rest/v1beta1/projects.locations.datasets/exportData#OutputConfig)) Required. The desired output location.

Response body

If successful, the response body contains an instance of Operation (https://cloud.google.com/vision/automl/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/).

OutputConfig

- For Translation: CSV file translation.csv, with each line in format: ML_USE,GCS_FILE_PATH GCS_FILE_PATH leads to a .TSV file which describes examples

that have given ML_USE, using the following row format per line: TEXT_SNIPPET (in source language) \t TEXT_SNIPPET (in target language)

- For Tables: Output depends on whether the dataset was imported from Google Cloud Storage or BigQuery. Google Cloud Storage case:

`gcsDestination` (https://cloud.google.com/vision/automl/docs/reference/rest/v1beta1/projects.locations.datasets/exportData#OutputConfig.FIELDS.gcs_destination) must be set. Exported are CSV file(s) `tables_1.csv`, `tables_2.csv`,...,`tables_N.csv` with each having as header line the table's column names, and all other lines contain values for the header columns. BigQuery case:

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

`export_data_<automl-dataset-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 that dataset a new table called `primary_table` will be created, and filled with precisely the same data as this obtained on import.

JSON representation

```
{

  // Union field destination can be only one of the following:
  "gcsDestination": {
    object (GcsDestination (https://cloud.google.com/vision/automl/docs/reference/rest/v1beta1/Gc
  },
  "bigqueryDestination": {
    object (BigQueryDestination (https://cloud.google.com/vision/automl/docs/reference/rest/v1be
  }
  // End of list of possible types for union field destination.
}
```

Fields

Fields

Union field **destination**. Required. The destination of the output. **destination** can be only one of the following:

gcsDestination	**object (GcsDestination** (https://cloud.google.com/vision/automl/docs/reference/rest/v1beta1/GcsDestination)) The Google Cloud Storage location where the output is to be written to. For Image Object Detection, Text Extraction, Video Classification and Tables, in the given directory a new directory will be created with name: export_data-- where timestamp is in YYYY-MM-DDThh:mm:ss.sssZ ISO-8601 format. All export output will be written into that directory.
bigqueryDestination	**object (BigQueryDestination** (https://cloud.google.com/vision/automl/docs/reference/rest/v1beta1/BigQueryDestination)) The BigQuery location where the output is to be written to.