

[Cloud AutoML Vision Object Detection](#)

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/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}: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 :
	<ul style="list-style-type: none"><code>automl.datasets.export</code>

Request body

The request body contains data with the following structure:

JSON representation

JSON representation

```
{
  "outputConfig": {
    object (OutputConfig (https://cloud.google.com/vision/automl/object-detection/docs/reference/re
  )
}
```

Fields

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

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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/) (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/object-detection/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/object-detection/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/object-detection/docs/reference
  },
  "bigqueryDestination": {
    object (BigQueryDestination (https://cloud.google.com/vision/automl/object-detection/docs/ref
  }
  // End of list of possible types for union field destination.
}
```

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/object-detection/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/object-detection/docs/reference/rest/v1beta1/BigQueryDestination>)
)

The BigQuery location where the output is to be written to.

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