Imports data into a dataset.

You can only call this method for an empty Dataset.

For more information, see Importing items into a dataset
 (https://cloud.google.com/video-intelligence/automl/docs/datasets#import-data)

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

Parameters

name	string
	Required. Dataset name. Dataset must already exist. All imported annotations and examples will be added.
	Authorization requires the following Google IAM (https://cloud.google.com/iam) permission on the specified resource **name**:
	• `automl.datasets.import`

The request body contains data with the following structure:

JSON representation

JSON representation

Fields

`inputConfig`	object(InputConfig (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.datasets/importData#InputConfig)) Required. The desired input location and its domain specific semantics, if any.

If successful, the response body contains an instance of Operation (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.operations#Operation).

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/).

Input configuration for datasets.importData
(/video-
intelligence/automl/docs/reference/rest/v1beta1/projects.locations.datasets/importData#google.cloud.au
toml.v1beta1.AutoMl.ImportData)
action.

The format of input depends on dataset_metadata the Dataset into which the import is
happening has. As input source the gcsSource
(/video-
intelligence/automl/docs/reference/rest/v1beta1/projects.locations.datasets/importData#InputConfig.FIE
LDS.gcs_source)
is expected, unless specified otherwise. If a file with identical content (even if it had different
GCS_FILE_PATH) is mentioned multiple times , then its label, bounding boxes etc. are appended.
The same file should be always provided with the same ML_USE and GCS_FILE_PATH, if it is not
then these values are nondeterministically selected from the given ones.

The formats are represented in EBNF with commas being literal and with non-terminal symbols
defined near the end of this comment. The formats are:

See Preparing your training data (https://cloud.google.com/video-intelligence/automl/docs/prepare)
for more information.

A CSV file(s) with each line in format:

- ML_USE - Identifies the data set that the current row (file) applies to. This value can be one
  of the following:

    - TRAIN - Rows in this file are used to train the model.

    - TEST - Rows in this file are used to test the model during training.

    - UNASSIGNED - Rows in this file are not categorized. They are Automatically divided
      into train and test data. 80% for training and 20% for testing.

- GCS_FILE_PATH - Identifies a file stored in Google Cloud Storage that contains the model
  training information.

After the training data set has been determined from the TRAIN and UNASSIGNED CSV files, the
training data is divided into train and validation data sets. 70% for training and 30% for

validation.

Each CSV file specified using the `GCS_FILE_PATH` field has the following format:

- `GCS_FILE_PATH` - The path to a video stored in Google Cloud Storage. The video can be up to 1h duration. Supported extensions: .MOV, .MPEG4, .MP4, .AVI.

- `LABEL` - A label that identifies the object of the video segment.

- `TIME_SEGMENT_START` and `TIME_SEGMENT_END` - The start and end timestamps in seconds for the segment of video to be annotated. The values must be within the length of the video, and `TIME_SEGMENT_END` must be after the `TIME_SEGMENT_START`.

You can specify videos in the CSV file without any labels. You must then use the AutoML Video Intelligence UI to apply labels to the video before you train your model. To specify a video segment in this way, provide the Google Cloud Storage URI for the video followed by three commas.

Sample file:

Here is an example of the format of one of the CSV files identified by the `gcsSource` "top level" file.

Errors:

If any of the provided CSV files can't be parsed or if more than certain percent of CSV rows cannot be processed then the operation fails and nothing is imported. Regardless of overall success or failure the per-row failures, up to a certain count cap, will be listed in Operation.metadata.partial_failures.

JSON representation

Fields

gcsSource	`object(`GcsSource (/video-intelligence/automl/docs/reference/rest/v1beta1/GcsSource)`)` The Google Cloud Storage location for the input content.