Not available for AutoML Video Intelligence.

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

Parameters

name	string
	Name of the model requested to serve the prediction.
	Authorization requires the following Google IAM (https://cloud.google.com/iam) permission on the specified resource **name**:
	- `automl.models.predict`

The request body contains data with the following structure:

JSON representation

Fields

payload	object(ExamplePayload (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models/predict#ExamplePayload)) Required. Payload to perform a prediction on. The payload must match the problem type that the model was trained to solve.
params	map (key: string, value: string) Additional domain-specific parameters, any string must be up to 25000 characters long.

If successful, the response body contains data with the following structure:

Response message for **PredictionService.Predict** (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models/predict#google.cloud.automl.v1beta1.PredictionService.Predict)

.

JSON representation

Fields

Fields

`payload[]`	object([AnnotationPayload](/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models/predict#AnnotationPayload)) Prediction result.
`metadata`	`map (key: string, value: string)` Additional domain-specific prediction response metadata.

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/).

Example data used for training or prediction.

Contains annotation information that is relevant to AutoML.

JSON representation

JSON representation

Fields

annotationSpecId	string
	Output only . The resource ID of the annotation spec that this annotation pertains to. The annotation spec comes from either an ancestor dataset, or the dataset that was used to train the model in use.
displayName	string
	Output only. The value of <u>displayName</u> (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models#Model.FIELDS.display_name) when the model was trained. Because this field returns a value at model training time, for different models trained using the same dataset, the returned value could be different as model owner could update the **displayName** between any two model training.

Union field **detail**. Output only . Additional information about the annotation specific to the AutoML domain. **detail** can be only one of the following:

classification	object(<u>ClassificationAnnotation</u> (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models/predict#ClassificationAnnotation))
	Annotation details for classification predictions.

Fields

videoClassification	object([VideoClassificationAnnotation](/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models/predict#VideoClassificationAnnotation)) Annotation details for video classification. Returned for Video Classification predictions.

Contains annotation details specific to classification.

JSON representation

Fields

score	number Output only. A confidence estimate between 0.0 and 1.0. A higher value means greater confidence that the annotation is positive. If a user approves an annotation as negative or positive, the score value remains unchanged. If a user creates an annotation, the score is 0 for negative or 1 for positive.

Contains annotation details specific to video classification.

JSON representation

JSON representation

Fields

type	`string`
	Output only. Expresses the type of video classification. Possible values:

- `segment` - Classification done on a specified by user time segment of a video. AnnotationSpec is answered to be present in that time segment, if it is present in any part of it. The video ML model evaluations are done only for this type of classification.

- `shot`- Shot-level classification. AutoML Video Intelligence determines the boundaries for each camera shot in the entire segment of the video that user specified in the request configuration. AutoML Video Intelligence then returns labels and their confidence scores for each detected shot, along with the start and end time of the shot. WARNING: Model evaluation is not done for this classification type, the quality of it depends on training data, but there are no metrics provided to describe that quality.

- `1s_interval` - AutoML Video Intelligence returns labels and their confidence scores for each second of the entire segment of the video that user specified in the request configuration. WARNING: Model evaluation is not done for this classification type, the quality of it depends on training data, but there are no metrics provided to describe that quality.

Fields

classificationAnnotation	**object(**<u>**ClassificationAnnotation**</u> (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models/predict#ClassificationAnnotation) **)** Output only . The classification details of this annotation.
timeSegment	**object(**<u>**TimeSegment**</u> (/video-intelligence/automl/docs/reference/rest/v1beta1/projects.locations.models/predict#TimeSegment) **)** Output only . The time segment of the video to which the annotation applies.

A time period inside of an example that has a time dimension (e.g. video).

JSON representation

Fields

Fields	
startTimeOffset	string (<u>Duration</u> (https://developers.google.com/protocol-buffers/docs/reference/google.protobuf#google.protobuf.Duration) format) Start of the time segment (inclusive), represented as the duration since the example start. A duration in seconds with up to nine fractional digits, terminated by 's'. Example: "3.5s".
endTimeOffset	string (<u>Duration</u> (https://developers.google.com/protocol-buffers/docs/reference/google.protobuf#google.protobuf.Duration) format) End of the time segment (exclusive), represented as the duration since the example start. A duration in seconds with up to nine fractional digits, terminated by 's'. Example: "3.5s".