



## SDK CLIENT REFERENCE

## CLASSES

## v1.AutoMLClient

[annotationSpecPath](#)  
[createDataset](#)  
[createModel](#)  
[datasetPath](#)  
[deleteDataset](#)  
[deleteModel](#)  
[deployModel](#)  
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[matchAnnotationSpecFromAnnotationSpec](#)  
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[matchDatasetFromDatasetName](#)  
[matchLocationFromAnnotationSpec](#)

# Cloud AutoML: Node.js Client



release level **general availability (GA)** npm **v1.10.0**

coverage **41%**

Cloud AutoML API client for Node.js

- [Cloud AutoML Node.js Client API Reference](#)
- [Cloud AutoML Documentation](#)
- [github.com/googleapis/nodejs-automl](https://github.com/googleapis/nodejs-automl)

Read more about the client libraries for Cloud APIs, including the older Google APIs Client Libraries, in [Client Libraries Explained](#).

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## Quickstart

### BEFORE YOU BEGIN

1. [Select or create a Cloud Platform project.](#)
2. [Enable billing for your project.](#)
3. [Enable the Cloud AutoML API.](#)
4. [Set up authentication with a service account](#) so you can access the API from your local workstation.



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## INSTALLING THE CLIENT LIBRARY

```
npm install @google-cloud/automl
```

## USING THE CLIENT LIBRARY

```

const automl = require('@google-cloud/automl');
const fs = require('fs');

// Create client for prediction service
const client = new automl.PredictionServiceClient();

/**
 * TODO(developer): Uncomment the following lines.
 */
// const projectId = `The GCP_PROJECT_ID`;
// const computeRegion = `region-name`;
// const modelId = `id of the model`;
// const filePath = `local text file path`;
// const scoreThreshold = `value between 0 and 1`;

// Get the full path of the model.
const modelFullId = client.modelPath({
  projectId,
  computeRegion,
  modelId,
});

// Read the file content for prediction
const content = fs.readFileSync(filePath);

const params = {};

if (scoreThreshold) {
  params.score_threshold = scoreThreshold;
}

// Set the payload by giving the content
const payload = {};
payload.image = {imageBytes: content};

// params is additional domain-specific
// currently there is no additional parameters
const [response] = await client.predict({
  name: modelFullId,
  payload: payload,
  params: params,
});

console.log(`Prediction results:`);
response.payload.forEach(result => {
  console.log(`Predicted class name:`, result.class_name);
  console.log(`Predicted class score:`, result.class_score);
});

```



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```
});
```

## Samples

Samples are in the [samples/](#) directory. The samples' `README.md` has instructions for running the samples.

Sample	Source Code	Try it
Quickstart	<a href="#">source code</a>	 OPEN IN GOOGLE CLOUD SH

The [Cloud AutoML Node.js Client API Reference](#) documentation also contains samples.

## Versioning

This library follows [Semantic Versioning](#).

This library is considered to be **General Availability (GA)**. This means it is stable; the code surface will not change in backwards-incompatible ways unless absolutely necessary (e.g. because of critical security issues) or with an extensive deprecation period. Issues and requests against **GA** libraries are addressed with the highest priority.

More Information: [Google Cloud Platform Launch Stages](#)

## Contributing

Contributions welcome! See the [Contributing Guide](#).



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