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Try [Gemini 1.5 models](#), our newest multimodal models in Vertex AI, and see what you can build with a 1M token context window.

Vertex AI > Documentation > Reference

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Method: projects.locations.models.list

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Lists Models in a Location.

HTTP request

```
GET https://{service-endpoint}/v1/{parent}/models
```

Where `{service-endpoint}` is one of the [supported service endpoints](#).

Path parameters

Parameters	
parent	string
Required. The resource name of the Location to list the Models from. Format: <code>projects/{project}/locations/{location}</code>	

Query parameters

Parameters	
filter	string

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- `labels` supports general map functions that is:
 - `labels.key=value` - key:value equality
 - `labels.key:*` or `labels:key` - key existence
 - A key including a space must be quoted. `labels."a key"`.
- `base_model_name` only supports =

Some examples:

- `model=1234`
- `displayName="myDisplayName"`
- `labels.myKey="myValue"`
- `baseModelName="text-bison"`

pageSize	integer
The standard list page size.	
pageToken	string
The standard list page token. Typically obtained via <code>ListModelsResponse.next_page_token</code> of the previous <code>ModelService.ListModels</code> call.	



Parameters	
readMask	<div>string (FieldMask format)</div> <div>Mask specifying which fields to read.</div> <div>This is a comma-separated list of fully qualified names of fields. Example: "user.displayName,photo".</div>
orderBy	<div>string</div> <div>A comma-separated list of fields to order by, sorted in ascending order. Use "desc" after a field name for descending. Supported fields:</div> <div><ul style="list-style-type: none">displayNamecreateTimeupdateTime</div> <div>Example: displayName, createTime desc.</div>

Request body

The request body must be empty.

Response body

Response message for `ModelService.ListModels`

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

JSON representation

```
{
  "models": [
    {
      object (Model)
    }
  ],
  "nextPageToken": string
}
```

Fields	
models[]	<div>object (Model)</div> <div>List of Models in the requested page.</div>
nextPageToken	<div>string</div> <div>A token to retrieve next page of results. Pass to ListModelsRequest.page_token to obtain that page.</div>

Authorization scopes

Requires the following OAuth scope:

- `https://www.googleapis.com/auth/cloud-platform`

For more information, see the [Authentication Overview](#).

IAM Permissions

Requires the following [IAM](#) permission on the `parent` resource:

- `aiplatform.models.list`

For more information, see the [IAM documentation](#).

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