



File ▼

Edit ▼

Insert ▼

Generate  
Server ▼Generate  
Client ▼

About ▼

Try our  
new  
Editor ↗

# Student Performance ML Prediction API

1.0.0 OAS3

This API can be used to predict whether or not a student described by a set of input features is a high quality student (by CMU admissions criteria) with high probability.

Uses a backend cached pretrained ML model trained on a set of student data.

## Servers

<https://127.0.0.5>

## predict Used to predict student quality

**GET** **/predict** Returns prediction of student quality

Returns a boolean of whether or not the student is likely to be considered high quality.

### Parameters

[Try it out](#)**Name****Description****studytime** \* required

score representing how much time a student studys

integer(\$int32)

(query)

Name	Description
<b>absences</b> * required	integer representing how many absences a student has each year
<code>integer(\$int32)</code> <i>(query)</i>	<div>absences</div>
<b>G1</b> * required	score representing student performance from their first year
<code>integer(\$int32)</code> <i>(query)</i>	<div>G1</div>
<b>G2</b> * required	score representing student performance from their second year
<code>integer(\$int32)</code> <i>(query)</i>	<div>G2</div>

Responses

Code	Description	Links
200	Success	No links
	<div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div>Example Value   Schema</div> <div><pre>{  "high_quality": true}</pre></div>	
400	Malformed request	No links
422	Query values do not satisfy accepted data ranges	No links

Schemas





```
Predict  {  
  high_quality  boolean  
               example: true  
  
}
```