



Applicant Success Predictor API

1.0.0 OASS

Predicts whether a student will be high-quality and likely to succeed.

Servers
https://virtserver.swaggerhub.com/sunnyliang6/Microservices-API/1.0.0 - SwaggerHub API Auto Mocking

predict Predict application success

POST /predict Predict a student's success by ID.

Using a ML model based on the parameters **studytime** , **failures** , **absences** , **G1** , and **G2** , predict the quality of the student, specifically **G3** . A student predicted to have a **G3** grade of 15 or higher is high-quality.

Parameters

Try it out

Name	Description
studytime * required integer(\$int32) (query) minimum: 1 maximum: 10	weekly study time (numeric: 1 - <2 hours, 2 - 2 to 5 hours, 3 - 5 to 10 hours, or 4 - >10 hours) <input type="text" value="studytime"/>
failures * required integer(\$int32) (query) minimum: 1 maximum: 4	number of past class failures (numeric: n if 1<=n<3, else 4) <input type="text" value="failures"/>
absences * required integer(\$int32) (query) minimum: 0 maximum: 93	number of school absences (numeric: from 0 to 93) <input type="text" value="absences"/>
G1 * required integer(\$int32) (query) minimum: 0 maximum: 20	first period grade (numeric: from 0 to 20) <input type="text" value="G1"/>
G2 * required integer(\$int32) (query) minimum: 0 maximum: 20	second period grade (numeric: from 0 to 20) <input type="text" value="G2"/>

Responses

Code	Description	Links
200	successful operation <div>Media type <div>application/json</div><div>Controls Accept: header.</div><div>Example Value Schema <pre>{ "studytime": 0, "failures": 0, "absences": 0, "G1": 0, "G2": 0 }</pre></div></div> <td>No links</td>	No links
400	Invalid parameters	No links
404	Values not found	No links
500	Internal Server Error	No links

Schemas

```
Predict {
  studytime      [...]
  failures       [...]
  absences       [...]
  G1             [...]
  G2             [...]
}
```