

Integrate Flask With Scoring Endpoint

UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

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We have used integrate Flask in python programming to get scoring endpoint.

```
app.py x University Admit Eligibility Predictor.ipynb
Final_Deliverables > app.py > index
1 from flask import Flask, render_template, redirect, url_for, request
2 import requests
3
4 app = Flask(__name__)
5
6 @app.route("/", methods = ['POST', 'GET'])
7 def index():
8     if request.method == 'POST':
9         arr = []
10        for i in request.form:
11            val = request.form[i]
12            if val == '':
13                return redirect(url_for("demo2"))
14            arr.append(float(val))
15
16 # deepcode ignore HardcodedNonCryptoSecret: <please specify a reason of ignoring this>
```

```
app.py x University Admit Eligibility Predictor.ipynb
Final_Deliverables > app.py > index
18 token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={
19     "apikey": API_KEY,
20     "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'
21 })
22 mltoken = token_response.json()["access_token"]
23 header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}
24 payload_scoring = {
25     "input_data": [{"fields": [
26         'GRE Score',
27         'TOEFL Score',
28         'University Rating',
29         'SOP',
30         'LOR ',
31         'CGPA',
32         'Research'],
33         "values": [arr]
34     }]}
35
```