

PROJECT TITLE: UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

SPRINT 2(PART 2)

DEPLOYING THE TRAINED AND TESTED IBM MODEL IN NODE RED

TEAM ID: PNT2022MID00432

IBM Cloud

Search resources and products...

Catalog

Manage

Janani U's Account

?

[Catalog](#) / [Create app](#) /

Node-RED

About

Create

App details

App name

Node RED ZMMJR 2022-11-12

Accept the default name, or enter a value between 2 and 128 characters.

Resource group

Default

Tags

Examples: env:dev, version-1

Platform

☒ Node.js

ASK A QUESTION

IBM Cloud

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[Resource list](#) / [App details](#) /

Node RED ZMMJR 2022-11-12

Add tags

Actions...

Details

App URL

You must deploy your app first

Source

Download code

Resource group

Default

Deployment target

You must deploy your app first

Created

11/12/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

Deploy your app

ASK A QUESTION

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Resource list /

Node RED RJTKR 2022-11-12

Running

Visit App URL

Add tags

Details

Actions...

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

IBM Cloud Foundry Public is being deprecated. Please see [full details](#).

Instances

Health

100%

1/1 instance(s) are running

MB memory per instance

0

2048

256

Instances

1

+

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

Free

Used

Node-RED on IBM Cloud

Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be

Go to your Node-RED flow editor

[Learn how to customise Node-RED](#)

DESIGNING THE FLOWS IN NODE RED

Node-RED

Deploy

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

Flow 1

samp

Flow 2

samp

form

msg.payload

global variables for form node

http request

pre prediction

http request

function

msg.payload

The Chance of admission will be

Node-RED interface showing a flow configuration. The flow includes a 'form' node connected to a 'msg.payload' node, which is then connected to a function node labeled 'global variables for form node'. The function node is connected to an 'http request' node. The 'http request' node is configured with the following properties:

- Method: POST
- URL: https://us-south.ml.cloud.ibm.com/ml/v4/deployr
- Enable secure (SSL/TLS) connection: ☐
- Use authentication: ☐
- Enable connection keep-alive: ☐
- Use proxy: ☐
- Only send non-2xx responses to Catch node: ☐
- Return: a parsed JSON object
- Name: Name
- Enabled: ☐

Node-RED interface showing the 'Edit function node' configuration for the 'global variables for form node' function. The function code is as follows:

```
1 global.set("gre",msg.payload.gre)
2 global.set("toefl",msg.payload.toefl)
3 global.set("cgpa",msg.payload.cgpa)
4 global.set("university",msg.payload.university)
5 global.set("research",msg.payload.research)
6 global.set("lor",msg.payload.lor)
7 global.set("sop",msg.payload.sop)
8 var apikey="zSg_HTyfw8V2W01CkmcBU0kVgNput0xxxWYqfQbIEcB"
9 msg.headers={"content-type":"application/json"}
10 msg.payload={"grant_type":"urn:ibm:params:oauth:grant-type:apikey","api"
11 return msg;
```

Admission Predictor

Admission prediction

gre *

toefl *

university *

sop *

lor *

cgpa *

research *

SUBMIT

CANCEL

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