

DEPLOYMENT OF MICROSERVICE

Submitted By: HARSHIT GAUR

MASTER OF PROFESSIONAL STUDIES IN ANALYTICS

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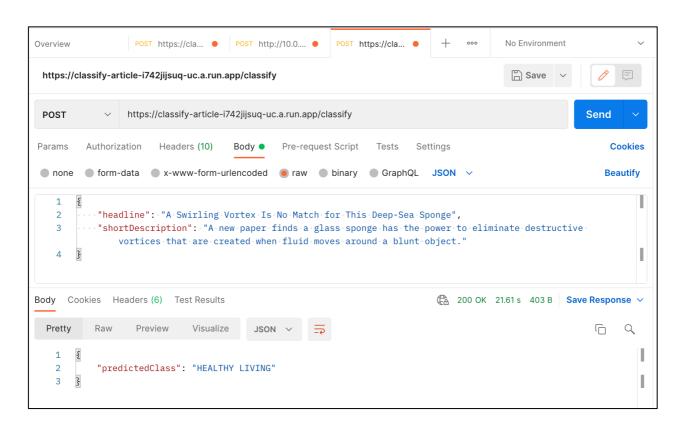
Submitted To: PROF. ABHIJIT SANYAL

DESCRIPTION OF INPUTS & OUTPUTS

I have deployed a microservice which contains the model of *News Category Classifier* on the Cloud-Run instance of Google Cloud Platform (GCP) with a backend URL generated to be used as an API by different vendors to send in information and receive results from it.

- *Input* There are 2 inputs to be fed to this microservice as parameters in JSON format. The names of these input data are :
 - o **Headline** It signifies the headline of the news whose category is to be predicted.
 - shortDescription It signifies a short description of the news whose category is to be predicted.
- Output The result which is provided back as output via API is **Predicted News Category.**

SPECIFIC EXAMPLE OF INPUTS & OUTPUTS



CURL Request -

```
curl --location --request POST 'https://classify-article-7gosystgxq-uc.a.run.app/classify' \
--header 'Content-Type: application/json' \
--data-raw '{
    "headline": "A Swirling Vortex Is No Match for This Deep-Sea Sponge",
    "shortDescription": "A new paper finds a glass sponge has the power to eliminate destructive vortices that are created when fluid moves around a blunt object."
}'
```

URL OF THE SERVICE

https://classify-article-i742jijsuq-uc.a.run.app/classify