

SCORING ENDPOINT IN IBM CLOUD

In [17]:

```
import requests

# NOTE: you must manually set API_KEY below using information retrieved from
your IBM Cloud account.
API_KEY = "cWGD5yTjEpEGtqPpvHPDBElN5eXFS7eh2JRDyUWhySMW"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token',
data={"apikey":
    API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
mltoken = token_response.json()["access_token"]

header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' +
mltoken}

# NOTE: manually define and pass the array(s) of values to be scored in the
next line
payload_scoring = {"input_data": [{"field":
[["UsingIP", "LongURL", "ShortURL", "Symbol@", "Redirecting//", "PrefixSuffix-
", "SubDomains", "HTTPS", "DomainRegLen", "Favicon", "NonStdPort", "HTTPSDomainURL
", "RequestURL", "AnchorURL", "LinksInScriptTags", "ServerFormHandler", "InfoEmail", "AbnormalURL", "WebsiteForwarding", "StatusBarCust", "DisableRightClick", "UsingPopupWindow", "IframeRedirection", "AgeofDomain", "DNSRecording", "WebsiteTraffic", "PageRank", "GoogleIndex", "LinksPointingToPage", "StatsReport"
]], "values": [[1,1,1,1,1,-1,-1,-1,-1,1,1,1,1,-1,-1,1,1,1,0,1,1,1,1,-1,-1,-1,-1,-1,1,0,1]]}]}

response_scoring = requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/084b5c52-f617-40ef-a0e8-3e6cf79ae447/predictions?version=2022-11-06', json=payload_scoring,
    headers={'Authorization': 'Bearer ' + mltoken})
print("Scoring response")
predictions=response_scoring.json()
#print(predictions)
pred=print(predictions['predictions'][0]['values'][0][0])
if(pred != 1):
    print("The Website is secure.. Continue")
else:
    print("The Website is not Legitimate... BEWARE!!")

Scoring response
-1
The Website is not Legitimate... BEWARE!!
```

In []:

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