**SCORING ENDPOINT IN IBM CLOUD**

In [1]:

**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,**-**1,1,0,1]]}]}

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 secure.. Continue