**Giving Inputs By Using Scoring End Point**

API KEY :EjnR5QWRh\_9zPFHorolJcaYJCPzfYS3xGZeFJlhbtkTS  
ENDPOINT:<https://us-south.ml.cloud.ibm.com/ml/v4/deployments/a0aba9-4acc-afd3/predictions?version=2022-1-10>

**Inputs\_1**

In [1]:

input\_columns**=**['age','blood\_urea','blood glucose random','coronary\_artery\_disease','anemia','pus\_cell','red\_blood\_cells',

'diabetesmellitus','pedal\_edema']

input\_values**=**[[62,53,423,0,1,1,1,1,0]]

**Prediction\_1**

In [2]:

**import** requests

*# NOTE: you must manually set API\_KEY below using information retrieved from your IBM Cloud account.*

API\_KEY **=** "EjnR5QWRh\_9zPFHorolJcaYJCPzfYS3xGZeFJlhbtkTS"

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": [{"fields": input\_columns, "values": input\_values}]}

response\_scoring **=** requests**.**post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/a0aba0b4-0d49-4acc-afd3-19c16a042590/predictions?version=2022-11-10', json**=**payload\_scoring,

headers**=**{'Authorization': 'Bearer ' **+** mltoken})

print("Scoring response")

prediction**=**response\_scoring**.**json()

print(prediction)

pred**=**prediction['predictions'][0]['values'][0][0]

print("\n output : ",pred,"\n")

**if**(pred**==**0):

print("\n You are affected by CKD")

**else**:

print("You are not affected by CKD")

Scoring response

{'predictions': [{'fields': ['prediction', 'probability'], 'values': [[0, [1.0, 0.0]]]}]}

output : 0

You are affected by CKD

**Inputs\_2**

In [3]:

input\_columns**=**['age','blood\_urea','blood glucose random','coronary\_artery\_disease','anemia','pus\_cell','red\_blood\_cells',

'diabetesmellitus','pedal\_edema']

input\_values**=**[[20,23,140,0,0,1,1,0,0]]

**Prediction\_2**

In [4]:

**import** requests

*# NOTE: you must manually set API\_KEY below using information retrieved from your IBM Cloud account.*

API\_KEY **=** "EjnR5QWRh\_9zPFHorolJcaYJCPzfYS3xGZeFJlhbtkTS"

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": [{"fields": input\_columns, "values": input\_values}]}

response\_scoring **=** requests**.**post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/a0aba0b4-0d49-4acc-afd3-19c16a042590/predictions?version=2022-11-10', json**=**payload\_scoring,

headers**=**{'Authorization': 'Bearer ' **+** mltoken})

print("Scoring response")

prediction**=**response\_scoring**.**json()

print(prediction)

pred**=**prediction['predictions'][0]['values'][0][0]

print("\n output : ",pred,"\n")

**if**(pred**==**0):

print("\n You are affected by CKD")

**else**:

print("You are not affected by CKD")

Scoring response

{'predictions': [{'fields': ['prediction', 'probability'], 'values': [[1, [0.18, 0.82]]]}]}

output : 1

You are not affected by CKD