**R program for uploading the custom data to google analytics account**

R code :

*library(httr)*

*set\_config(use\_proxy(url="http://10.3.100.207",port=8080))*

#1. SET proxy

*library(googleAnalyticsR)*

*ga\_auth()*

#2. Authenticate account

#3. create a file as a data frame or csv and upload it to google analytics account

*File.upload <- data.frame(*

*browser= c("chrome","mozilla","edge"),*

*sessionCount=c("10"," 7" , "5"),*

*language=c("en-in","en-us","sanskrit - :P"),*

*networkDomain=c("IIT Kharagpur","Boston University","Unkown"),*

*operatingSystem = c("windows","mac","windows")*

*)*

#4. Get all the details of the custom data table which should be already created in Google analytics account

#if Custom data table was not already created go ahead and create a table in data import section of google Analytics

#executing the following block of code will give the details of which we require id of the table

*customDataSource <- ga\_custom\_datasource(*

*accountId = "98677966",* #Account Id obtained from google analytics

*webPropertyId = "UA-98677966-1"* #Web property Id obtained from google analytics

*)*

#5.now upload the file in google analytics through R

*ga.upload <- ga\_custom\_upload\_file(accountId = "98677966",*

*webPropertyId = "UA-98677966-1",*

*customDataSourceId = customDataSource$id[2],* # select required table id *from id menu of the data frame given by ga\_custom\_datasource function*

*File.upload* #specify file name to be uploaded

*)*

#6. view status of the update

*ga\_custom\_upload(upload\_object = ga.upload)*

**Console Result :**

**==Google Analytics Custom Data Source Upload==**

**Custom Data Source ID: tjtPzAqxRyCroXswqYke1g**

**Account ID: 98677966**

**Web Property Id: UA-98677966-1**

**Upload ID: PAC07p44TfGKhBPYN6SXFA**

**Status: COMPLETED**