**Installation and Running Steps: -**

*Required software’s:* - RSTUDIO (<https://rstudio.com/products/rstudio/download/>)

Anaconda IDE(<https://www.anaconda.com/products/individual>)

Python, R.

*Required R packages:* - reticulate, dplyr

*Steps: -*

1. Open Anaconda prompt and create conda environment, below link have a detailed description of creating and using conda environment in RSTUIO.

(<https://philippgaertner.github.io/2019/12/earth-engine-rstudio-reticulate/>)

1. Pull epidemia-gee from GitHub into above created conda environment after installing required packages in environment.
   1. conda install git pip
   2. conda install -c conda-forge earthengine-api
   3. pip install git+git://github.com/16charan08/Epidemia.git
2. Now epidemia-gee package is ready to use in R-STUDIO.

*Usage in Rstudio:*

1. Use conda environment we created above as below

use\_condaenv("gee-demo", conda = "auto",required = TRUE)

1. Import ee and epidemia-gee package as follows

ee = import("ee")

ee$Initialize()

E = import("Ethiopia")

1. Now call gee\_to\_drive as E$Et$gee\_to\_drive('2009-01-01,'2009-03-31')
2. Check google-drive for required files