

## 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 RSTUDIO.  
(<https://philippgaertner.github.io/2019/12/earth-engine-rstudio-reticulate/>)
2. Pull epidemic-gee from GitHub into above created conda environment after installing required packages in environment.
  - a. conda install git pip
  - b. conda **install** -c conda-forge earthengine-api
  - c. pip install git+git://github.com/16charan08/Epidemia.git
3. Now epidemic-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)
2. Import ee and epidemic-gee package as follows  
ee = import("ee")  
ee\$Initialize()  
E = import("Ethiopia")
3. Now call gee\_to\_drive as E\$E\$gee\_to\_drive('2009-01-01','2009-03-31')
4. Check google-drive for required files