

RA Task 1

Please think about how you would proceed with the following task ahead of your zoom interview. The RAs would be primarily collaborating on code with me in R. In addition to the actual code-writing, also think about how you would structure the code, and how you would manage the files. See this [manual](#) for guidance.

- 1) Attached are three files
 - a. shrid_with_parks_first_park_year_and_id.csv -> This is a list of “shrids”, which are time-consistent identifiers for village/towns in India, that have an Industrial Park.
 - b. shrid_centroids.csv -> This is a list of all shrids along with their geocodes.
 - c. shrug-shrid-poly-shp.zip -> This is a folder containing the polygon shapefiles for shrids.
- 2) The task is to create a dataframe with four columns
 - a. Column 1 is all the shrids in b.
 - b. Column 2 titled “park_status10” is a character variable which tells us if the shrid is a “treated” shrid from list a, is within 10 kms from a “treated” shrid , or neither. The assigned values would be “treated”, “contaminator” and “control”.
 - c. Column 3 and 4, titled “park_status20” and “park_status30” are the same but they tell us if the shrid is within 20 and 30 kms respectively.