1. Data acquisition and cleaning

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Data acquisition and inspection

- Download pin code data in CSV from data.gov.in (search for all India pincode directories till last month).
- Read and create a data frame.
- Count the number of rows and columns in the data frame.
- List the column names.
- Count the number of rows with missing values and number of rows with missing values.

Data Cleaning

- Re-read the CSV file with 'Latitude' and "Longitude" columns read as strings.
  - Hint: use *dtype* parameter in *read_csv* method.
- Remove rows with missing values and reset the indices of the data frame.
- Clean the 'Latitude' and "Longitude" columns and convert them to float type data.
  - Hint: use .astype(float)
- Check the error during conversion. Clean and retry the conversion. Repeat the process till the conversion goes through.