☰    📗  >  CS F441

# Assignment 1: Data acquisition and cleaning          ⋮

Sumanta N Pattanaik • 3:52 PM

**100 points**                                                    Due Sep 4, 3:00 PM
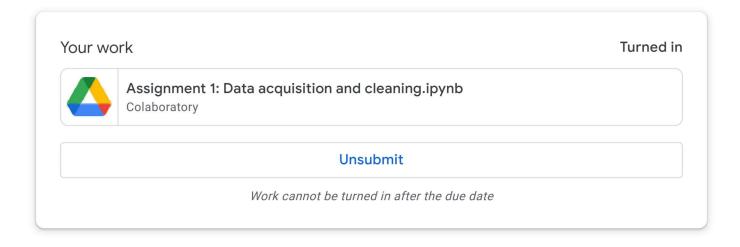
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For Week of Aug 21: Data acquisition and inspection

- Download pin code data in CSV from data.gov.in (search for all india pincode directory 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.

For Week of Aug 28: Data cleaning

- Re-read the CSV file with 'Latitude' and "Longitude" columns read as string. 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.

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| Your work | Turned in |
|---|---|

📁 **Assignment 1: Data acquisition and cleaning.ipynb**
Colaboratory

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|:---:|

*Work cannot be turned in after the due date*

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👤 Private comments

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