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Congrats Daniel! This project has been marked as completed.

Teacher's Comment
"Good job"



Project Rating



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PRO-C130: DATA CLEANING

Completed

In Class 130, We Learned About Cleaning Data. In This Project, We Need To Clean The Csv File From The Last Project.



Goal of the Project:

In class 130, we learned about cleaning data. In this project, we need to clean the CSV file from the last project.



Story:

Our Sun is dying! The world is in an emergency as we are about to lose our star. All groups of scientists around the world have gathered together and created a technology to shift our Earth into another solar system, but which one exactly? Which star out there is safe and welcoming to our Earth? You have been assigned the task to research about stars so that we can choose the best one for us!



** This is a continuation of the project we did for Classes 127, 128, and 129. Please complete those projects before attempting this project **


Getting Started:

1. Open Google Colab.

2. Import the CSV created in project C129. This is a continuation of that.

Specific Tasks to complete the Project:

Step 1




1. Import the merged csv file from the last project.

2. Convert it into DataFrame.

3. Print the DataFrame.

4. List all the columns of the DataFrame.

Step 2



1. Delete the columns which are not required.

- Luminosity is not required.
- There will be some duplicate columns when we merged the data

2. Delete the NAN values from the data.

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HELP




Step 3



Use the following methods/attributes to check the details about the DataFrame.

1. The **describe()** method
2. The **info()** method
3. The **dtypes** attribute

Step 4





1. Save the DataFrame as **final_data.csv** file.
2. Download the file using the **download()** method of **files** module.



Submitting the Project:

1. **SAVE** all the changes made to the project.
2. Click on **"Run"** once to check if it is working.
3. Rename the project to **Project 130**.
4. Click **Share**.

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5. Click **Change** and choose the **'anyone with the link'** option.
6. Copy the link and submit it in the **Student Dashboard Projects** panel against the correct class number.

Hints:

1. In **step 2**, the **dropna()** method can be used to drop NAN values.
2. In **step 2**, use **axis=1** to remove columns.