

Dated: 19.02.2022

## Conv. AI – Data Science - Assignment 1

You have to solve this challenge, majorly using cuDF, cuML, and cuPy RAPIDS libraries.

**Submit one single PDF file** including:

- all the documentation,
- your Github link of the code,
- as well as the Kaggle notebook link.

We have implemented Linear Regression in the labs, now it's time for you to implement it on this Kaggle challenge which will need you to do extensive data pre-processing and then train the model for decent accuracy.

Generate a comparison of MSE, MAE, R2-score for all the five Linear Regression algorithms based on [cuML - Linear Regression library](#) for doing house price prediction.

<https://www.kaggle.com/c/house-prices-advanced-regression-techniques>

Submission Portal:

LMS, TIET

Deadline:

Date - 26 February, 2022

Time – 11:59 PM

Naming convention of file:

“Rollnumber.pdf”.

Example: “901503011.pdf”