Assignment 1

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CSE-1

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Topic :House price prediction using CUML

Github Link: https://github.com/jinik21/RAPIDS

Kaggle Link: https://www.kaggle.com/nikheeeljain/assignment1

Code Implementation:

After simple Preprocessing(removing NANs and encoding categorical features) Used Linear Regression from Cuml with various algos.

algorithm = ['svd','svd-jacobi', 'eig', 'svd-qr','qr']

Results:

	MSE	R2_Score	MAE
svd	9.624233e+08	0.837131	19755.678082
svd-jacobi	9.624233e+08	0.837131	19755.678082
eig	9.624233e+08	0.837131	19755.678082
svd-qr	9.624233e+08	0.837131	19755.678082
qr	9.614068e+08	0.837303	19762.808219