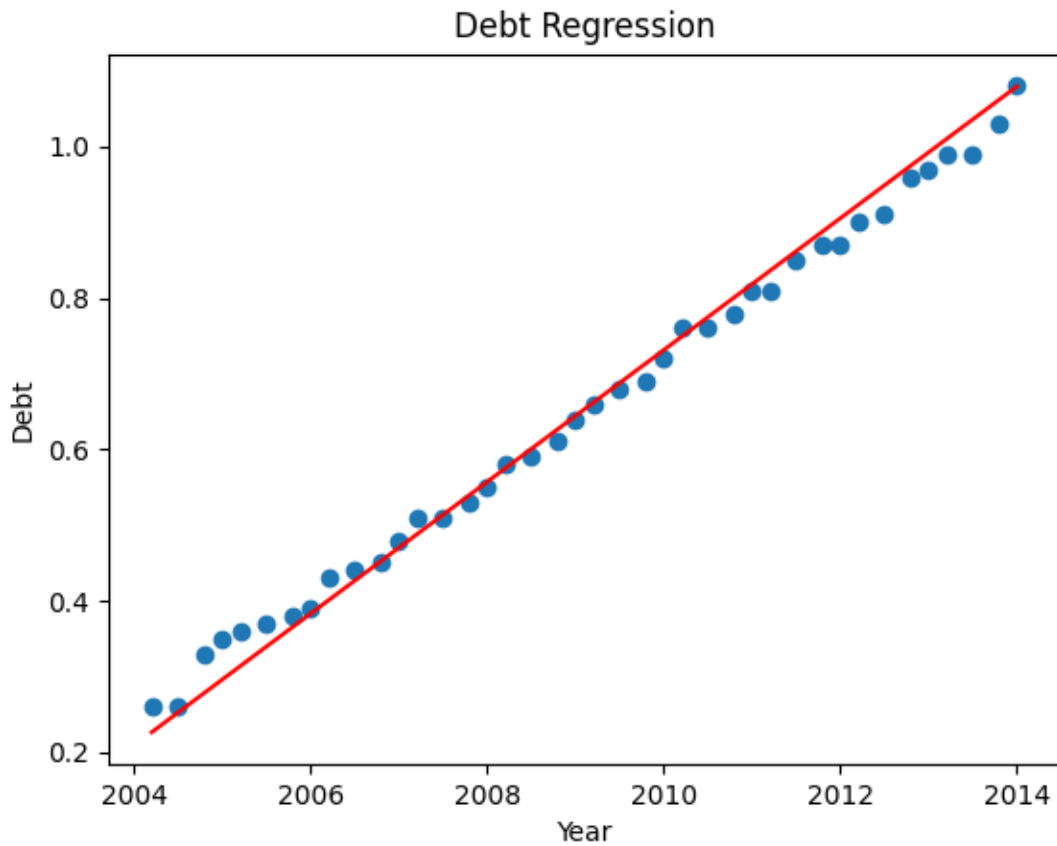# COMPSCI 589: MACHINE LEARNING

PROJECT 3 REPORT

Student: Trung Dang – 33858723

I.   Task 1
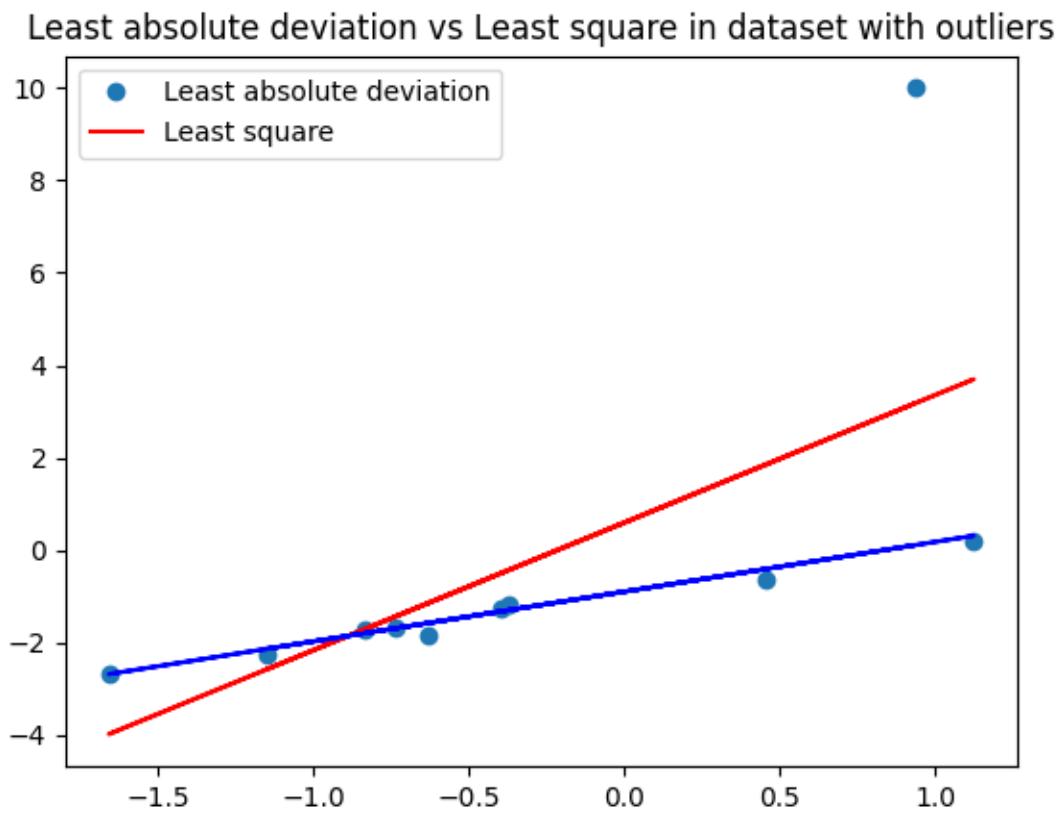

Debt Regression

-   The equation of the fitted line is:

$$Y = -1.7421213e+02 + 8.7036580e-02 * x$$

-   The total predicted student debt in 2030 is: 2.4721222

II.   Task 2

Least absolute deviation vs Least square in dataset with outliers

- The equation of the least squares regression line:

  Y = 0.59446543 + 2.7611253 * x

- The equation of the least deviation regression line:

  Y = -0.898 + 1.0770425 * x