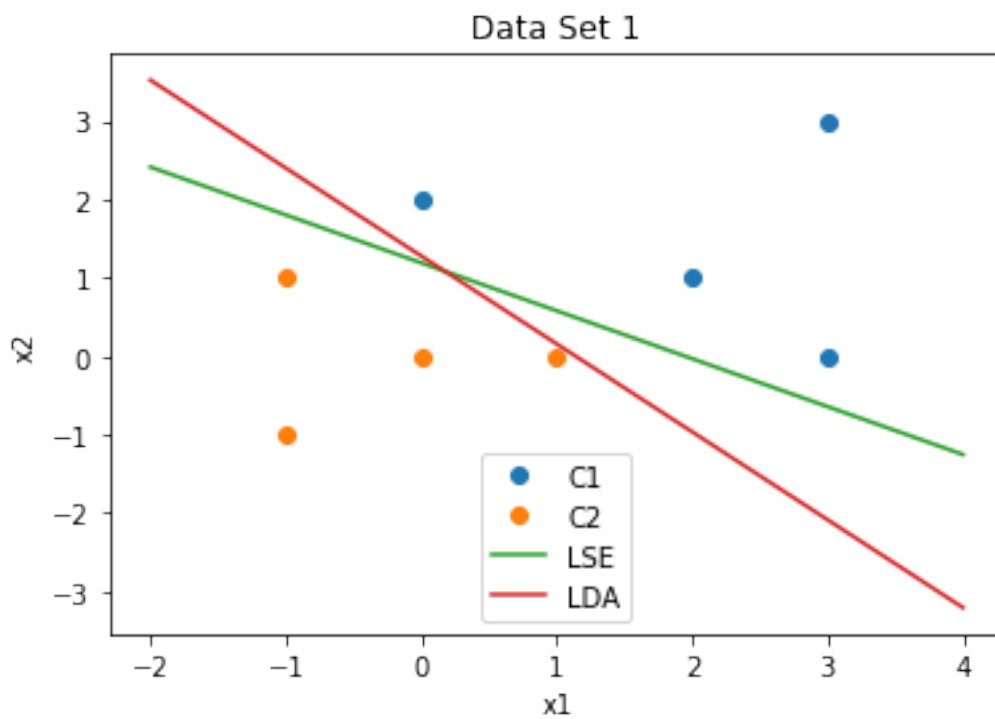


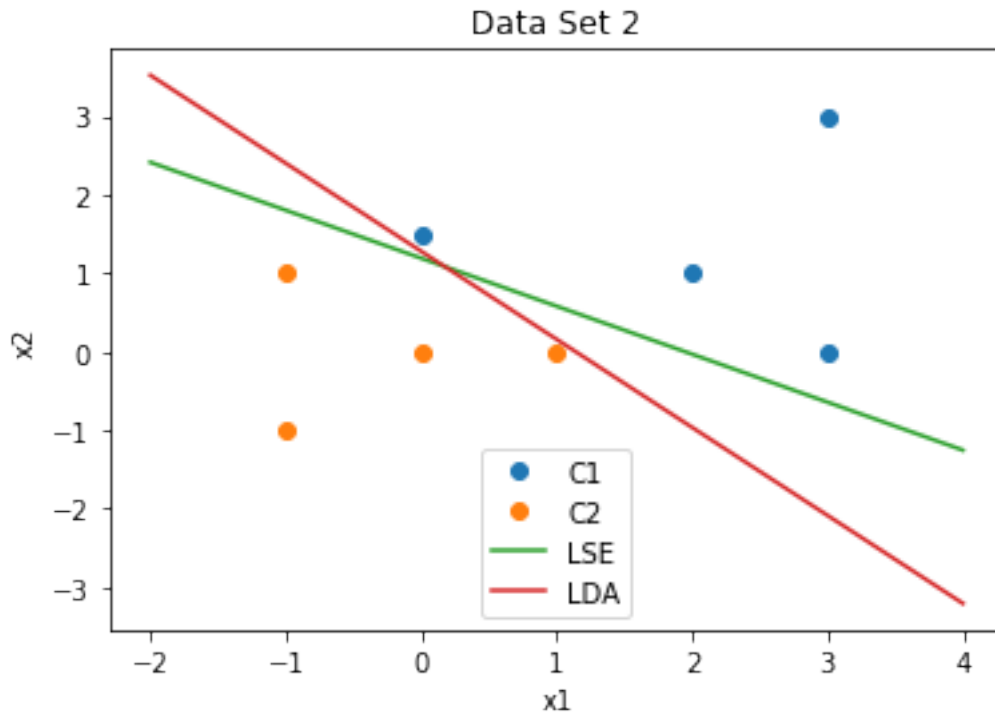
Q2_least_squares_approach_report

February 25, 2018

Name: Aditya Saripalli
Roll No: 20173071

In [9] :





1 Observations:

C1 -> Class 1

C2 -> Class 2

LSE -> Least Square Approach

LDA -> Fisher's Linear Discriminant

Least square approach gives a linear classifier for a learning rate of 1.0, whereas Fisher's LDA needs a smaller learning rate of 0.05 to produce a better linear classifier - for both the data sets.