DATA 55100: Unsupervised Machine Learning
Assignment #8

Submission: Submit an electronic copy of a short report (2-3 pages) in Blackboard.

Grading: A review report.

Description:

Write **a review on the assigned research articles posted in Blackboard (by Tenenbaum et al. and Roweis and Saul)** about some spectral methods used for dimensionality reduction. This includes multidimensional scaling, Local Linear Embedding (LLE), and manifold learning.

Your review should include a detailed summary of both articles as well as you have to express your own thoughts, ideas, and any future research directions you think are worth pursuing in the area of spectral methods.