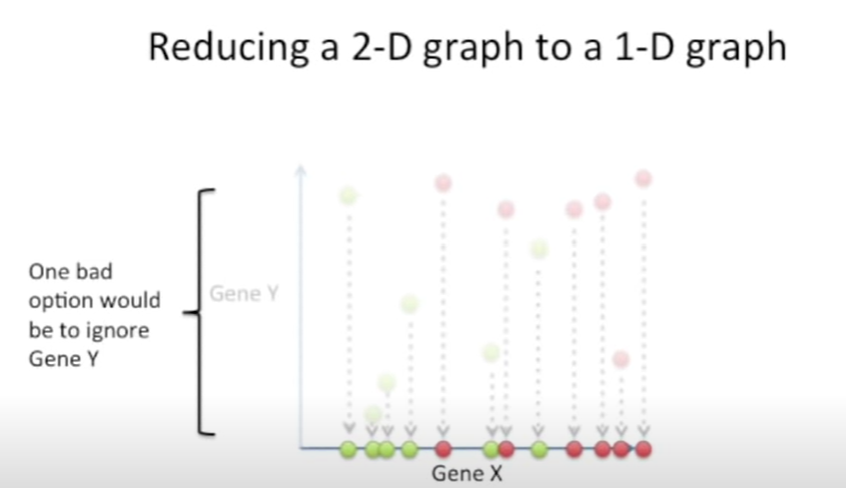
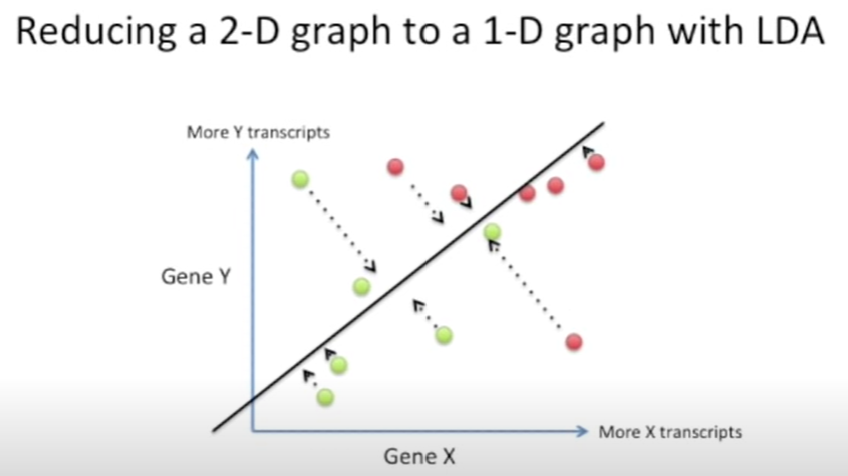
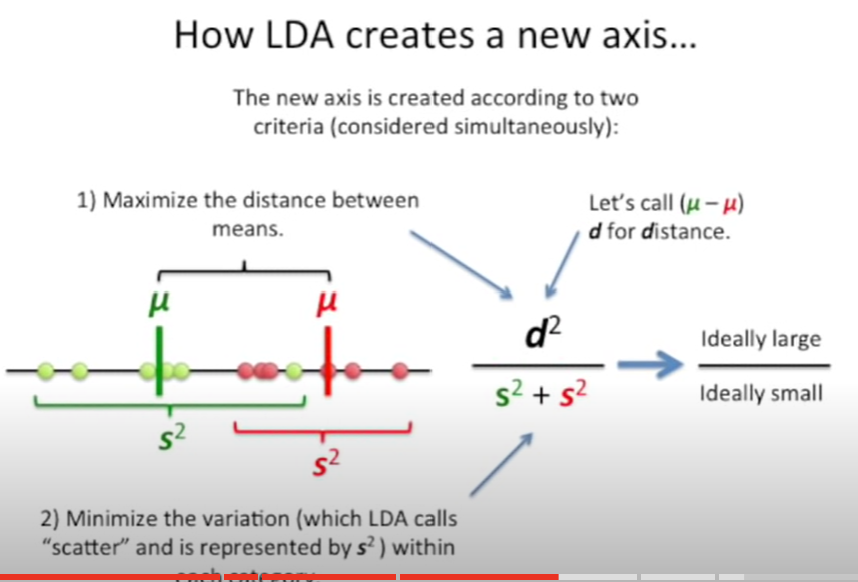
LDA is like PCA, but focus on maximizing the separability among known categories



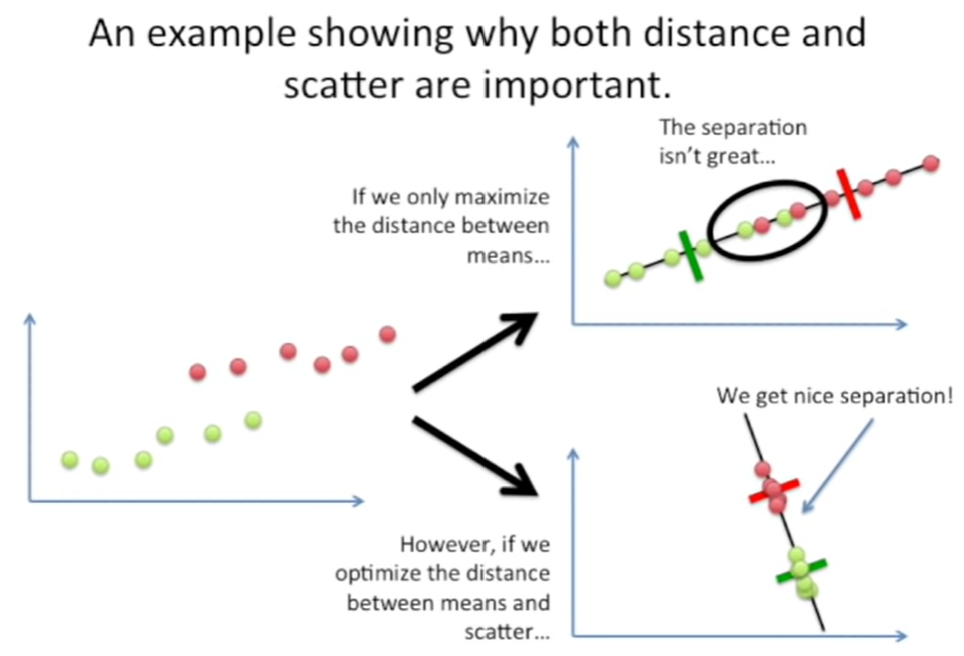


LDA creates new axis and project data on that new axis => HOW?

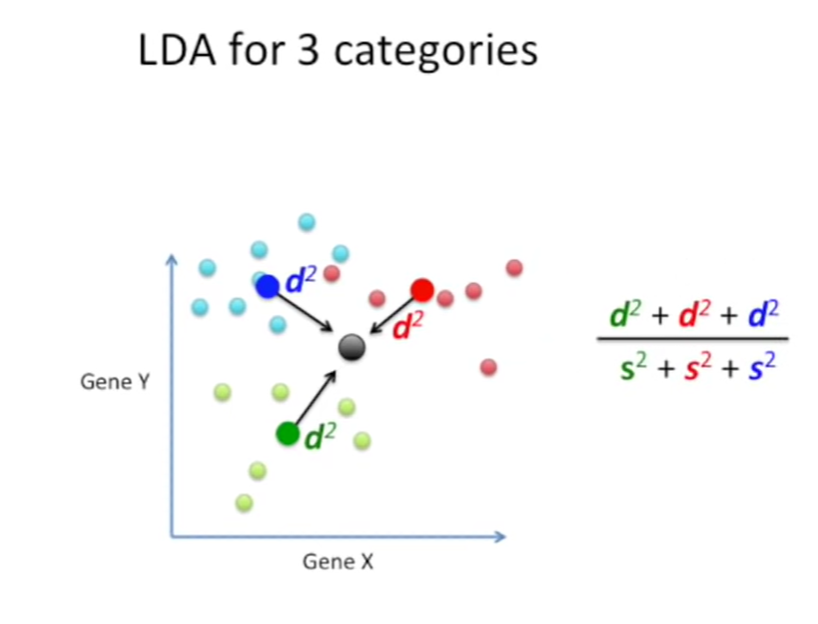


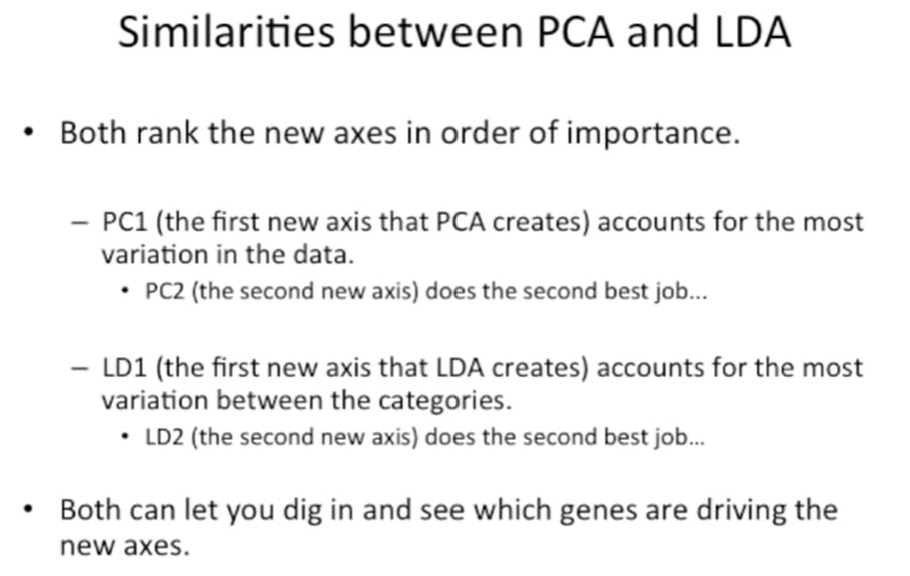
1. Maximize the distance
2. Minimize the variation (scatter)

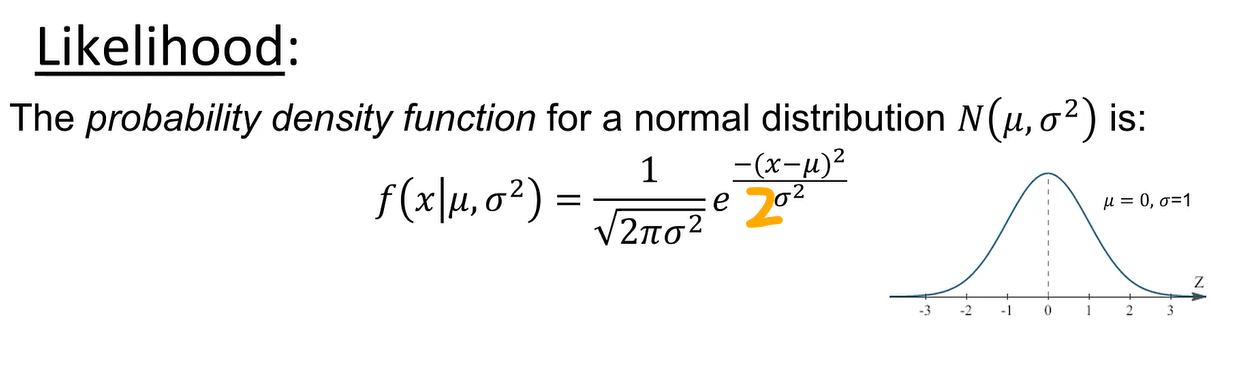
WHY distance and scatter are important

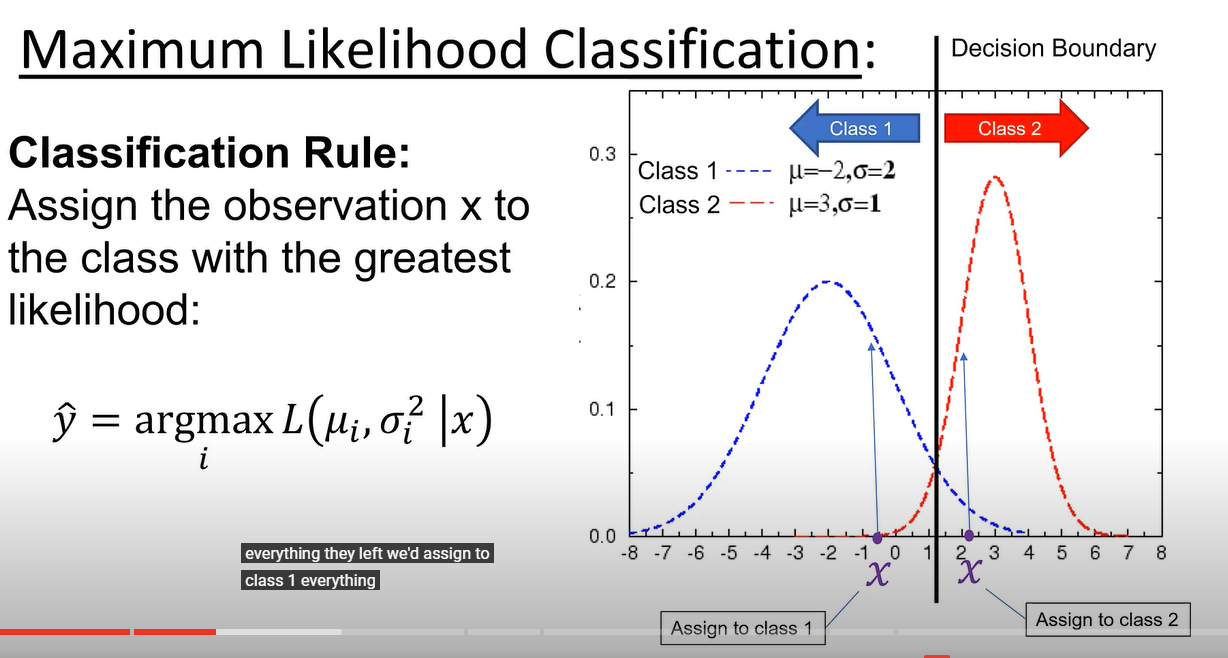


With cases that have more than 2 dimensions => similar









SKIP QDA