Algorithm for LDA:-

Step 1:- Given the dataset belonging to different classes say class & class.

Step 2! - find / Evaluate Scattering of data prints within the matrix (Sw) for classes mentioned in the problem statement.

Step 3:- tind mean values of data set in the classes MI say for class 1 M2 for class 2. Use these mean values to solve you so matrix

Step 4:- (ompulé the matrix SB [Between class Scatter matrix]. SB = (y11-y12) [y11-y12) [y11-y12]

Step 5:- To find the best LDA projection-vector find highest Eigen value using 15w SB - λI = 0 & inturn find Eigen vector.

Step 6:- Use the Figur vector values to get new projection of data.

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