CSE472 Assignment 3: Dimensionality Reduction using Principal Component Analysis and Clustering using Expectation-maximization Algorithm

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Means Matrix

[[-2.03695223 2.48029909]

 [2.66108277 -1.08535007]

 [7.7170562   2.82351254]]

Covariance Matrix

[[[2.84565293 -0.59211144]

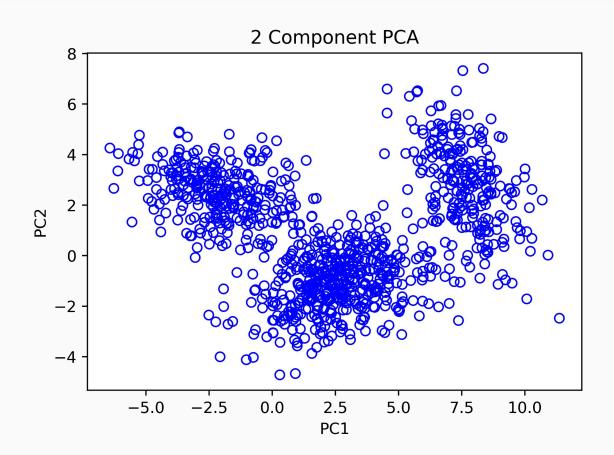 [-0.59211144 1.12313787]]

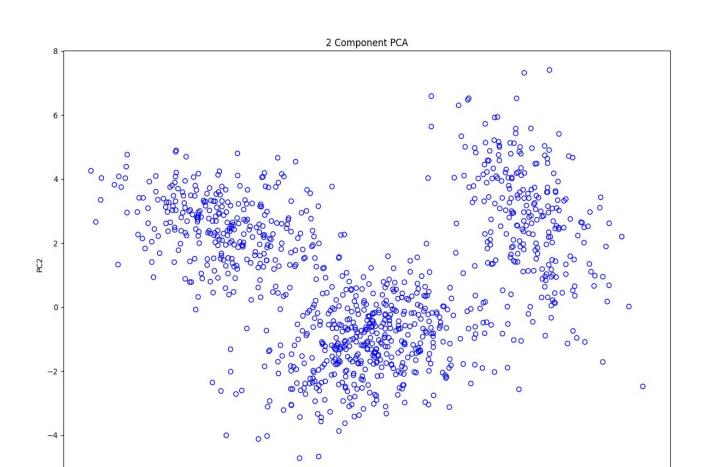 [[3.12172741 0.66966155]

  [0.66966155 1.36139761]]

 [[1.41516209 -1.03706862]

  [-1.03706862 3.13401588]]]

Mixing coefficients

[0.29968016 0.45976621 0.24055363]

2 Component PCA