```
Means, \mu_k = 
[[ -4.52626937 -0.22678776] 
[ 14.12714489    0.65857205] 
[-17.89448891    1.72198191]]
```

Covariance, Σ_k = [[[4.05789322e+01 -3.77094113e+00] [-3.77094113e+00 9.92850884e-01]]

[[7.22052961e+00 -3.63551767e-01] [-3.63551767e-01 6.64943537e-01]]

[[2.74289443e-01 6.37107978e-02] [6.37107978e-02 2.13535013e-02]]]

Mixing Coefficients, $w_k = [0.74940501 \ 0.24596741 \ 0.00462759]$

PCA plot:

