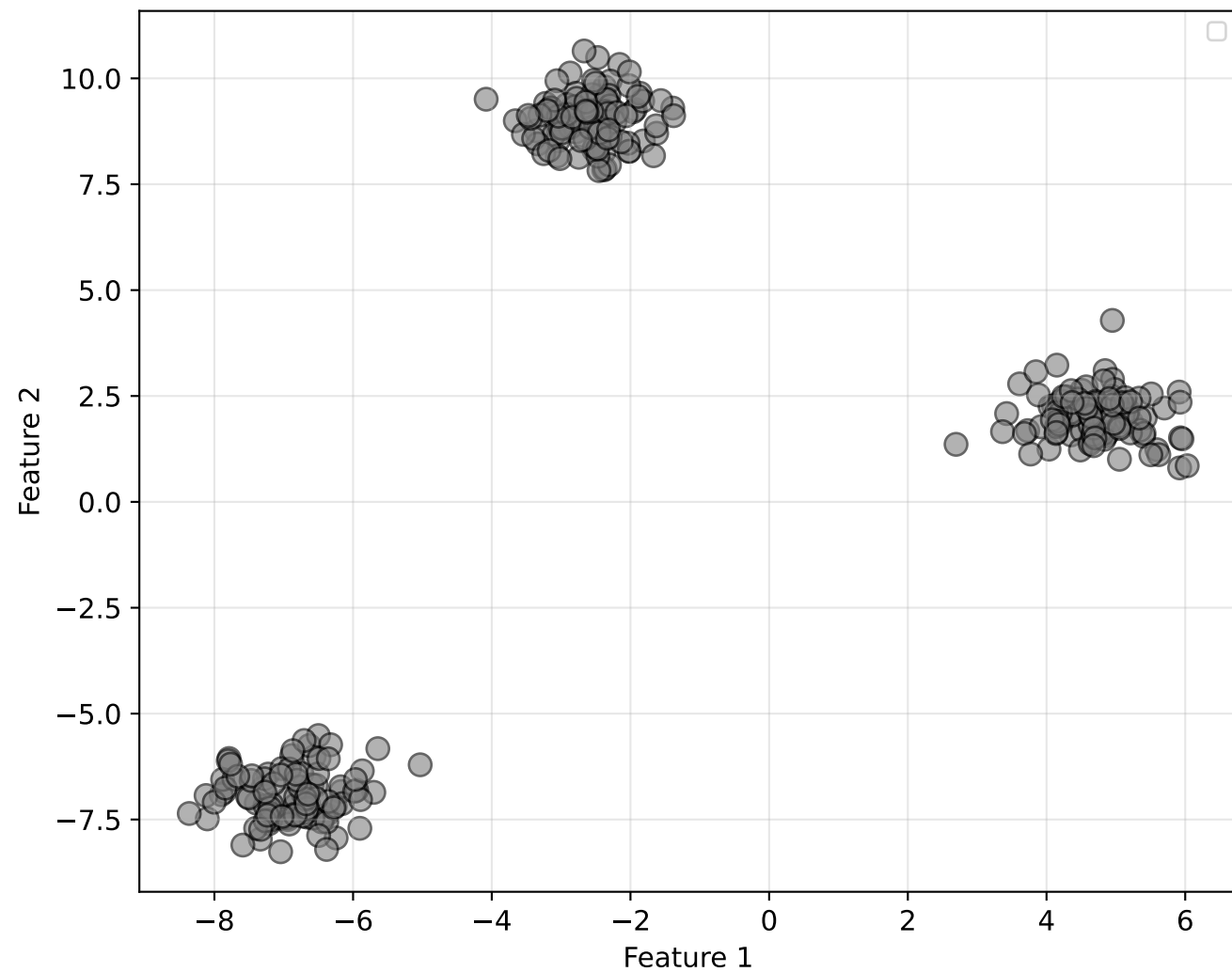
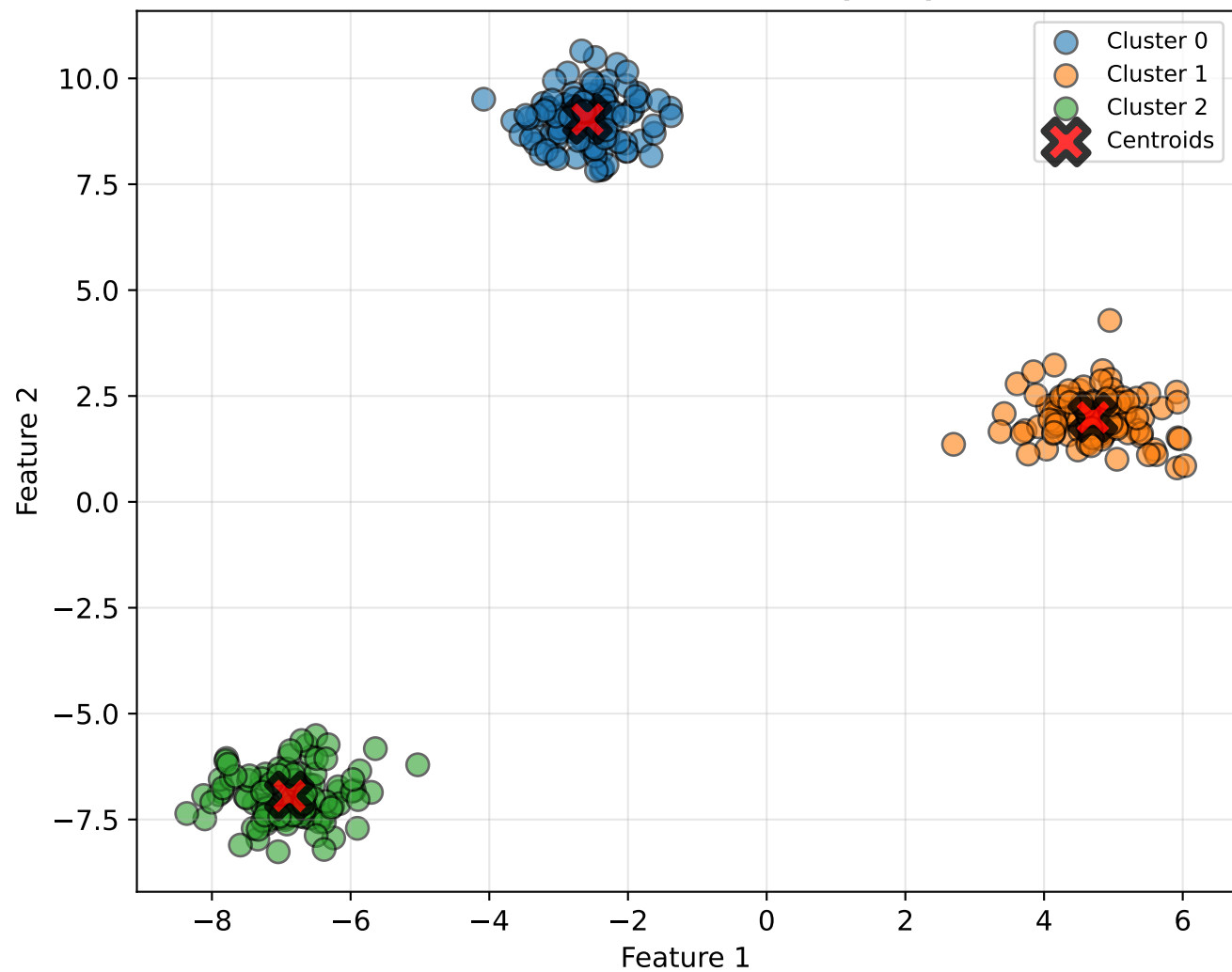


K-Means Clustering Process

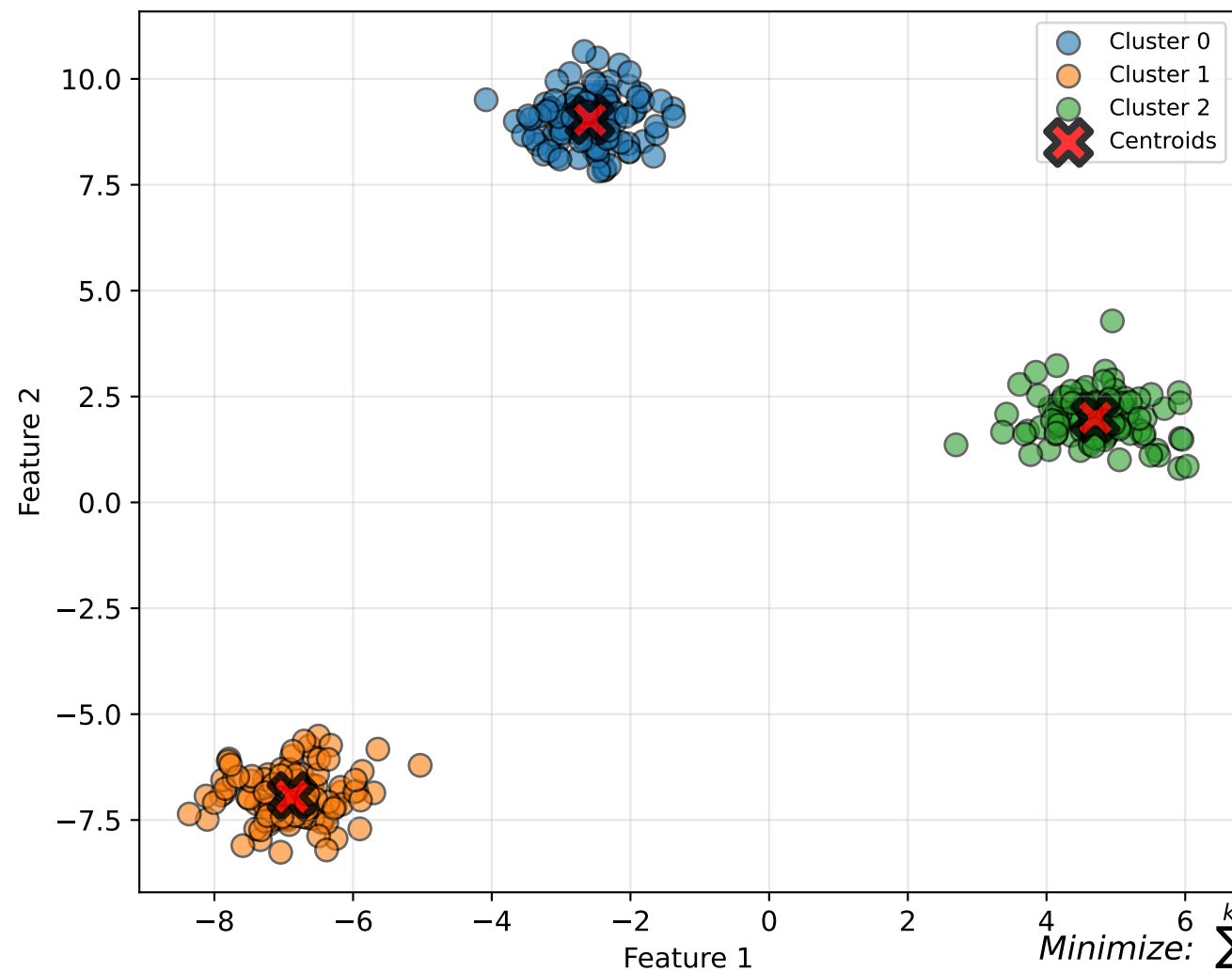
Initial Data



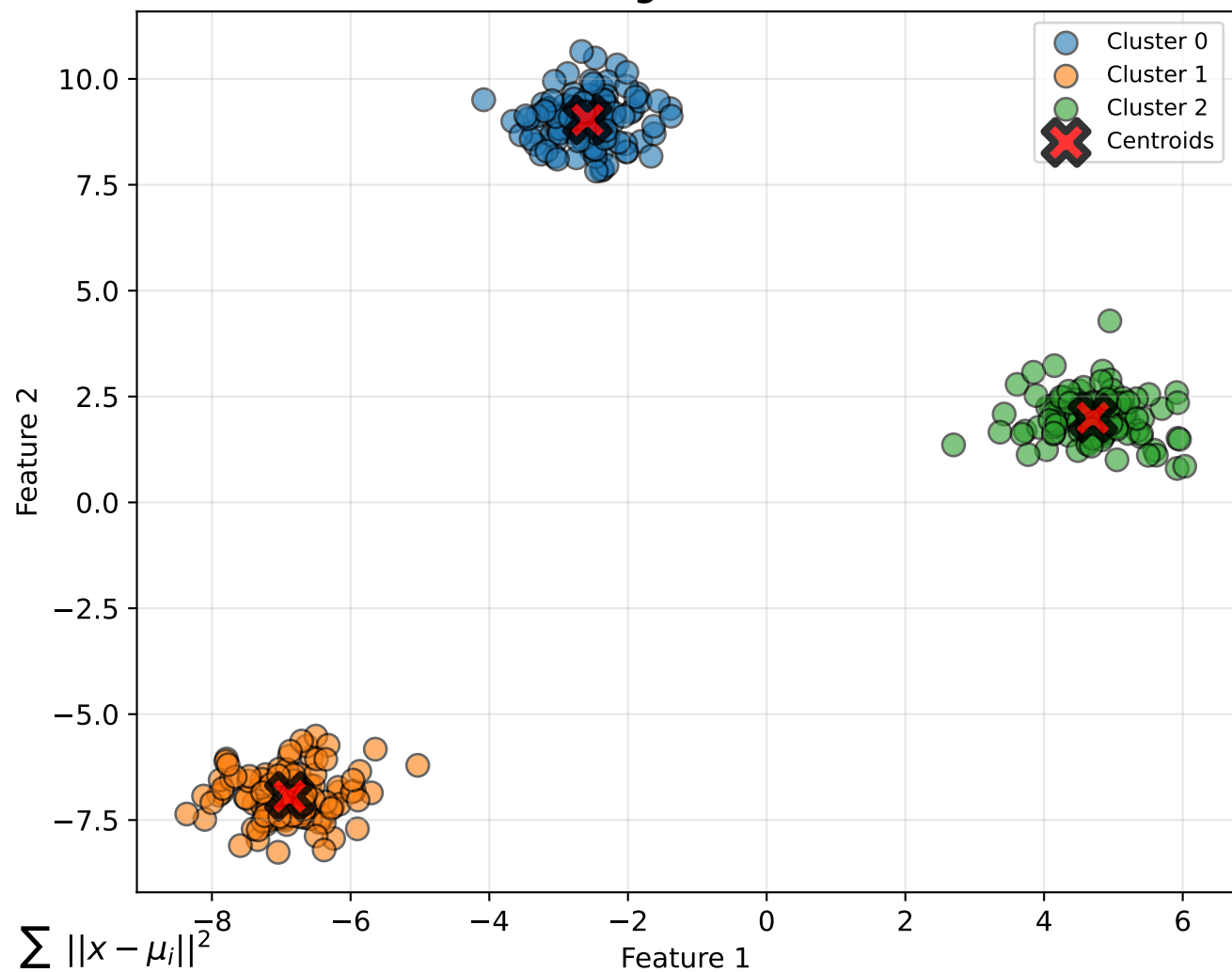
Random Initialization (k=3)



After 5 Iterations



Converged Solution



Minimize: $\sum_{i=1}^k \sum_{x \in C_i} ||x - \mu_i||^2$