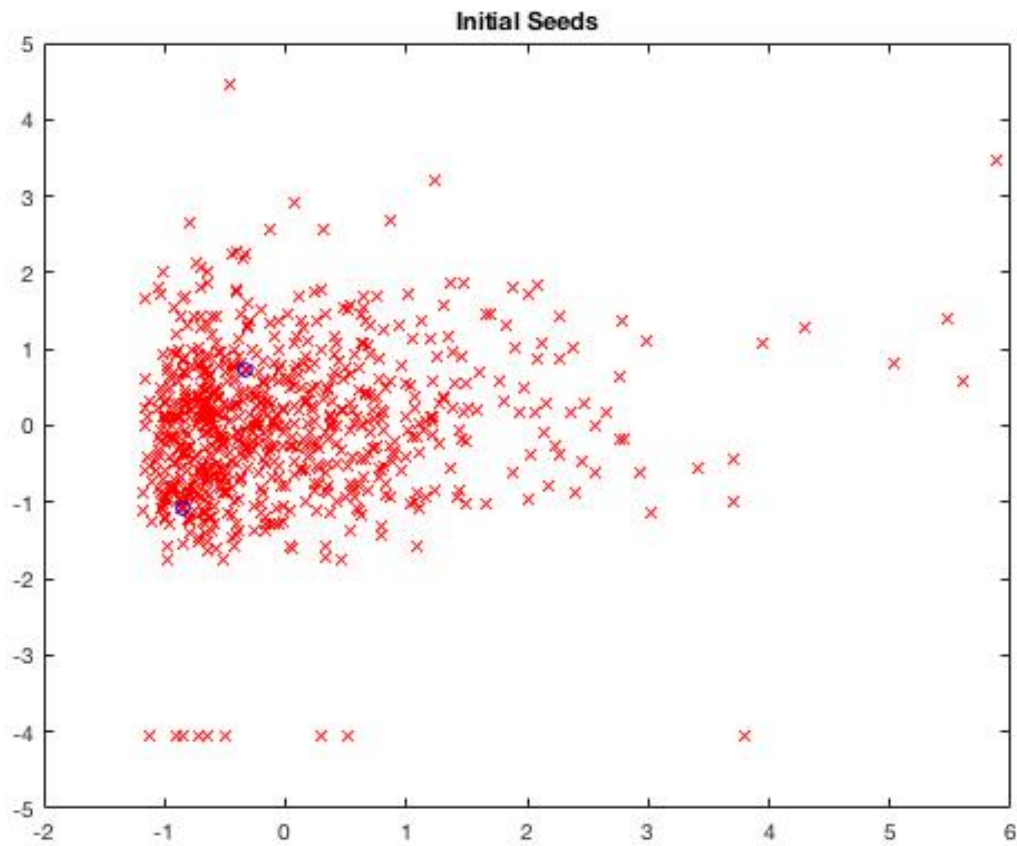**The initial setup visualization**
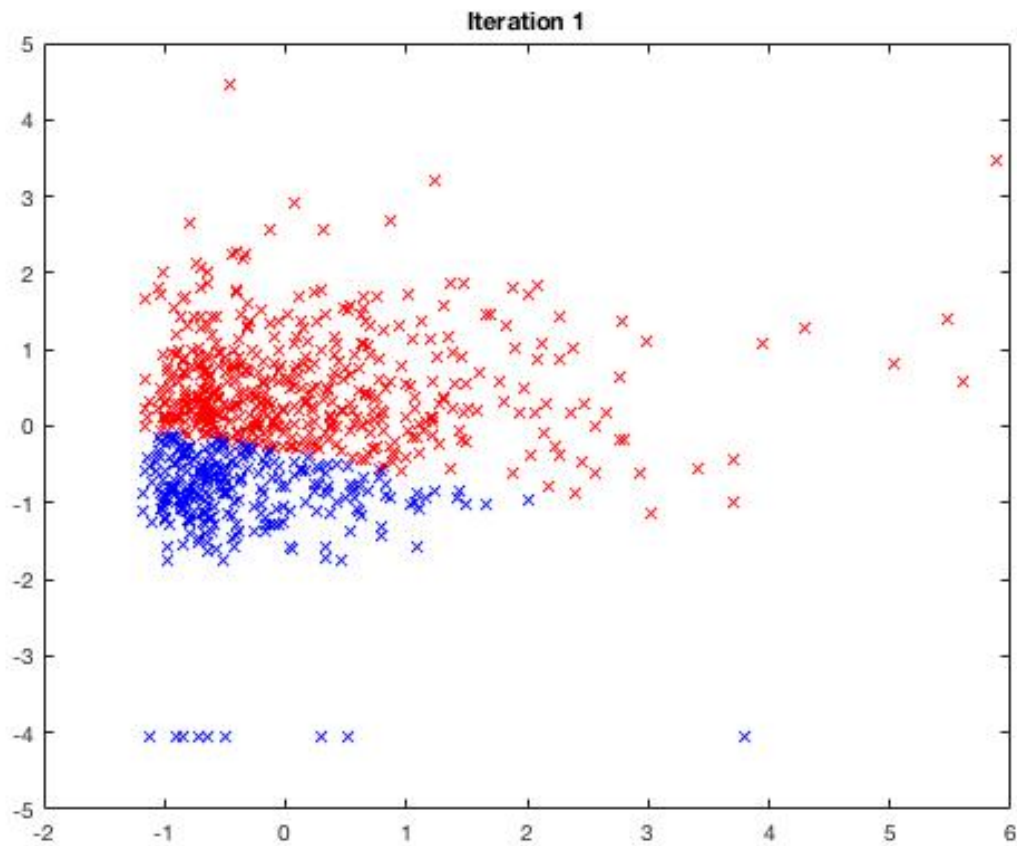

Figure 1: Seeds

The initial cluster assignment visualization
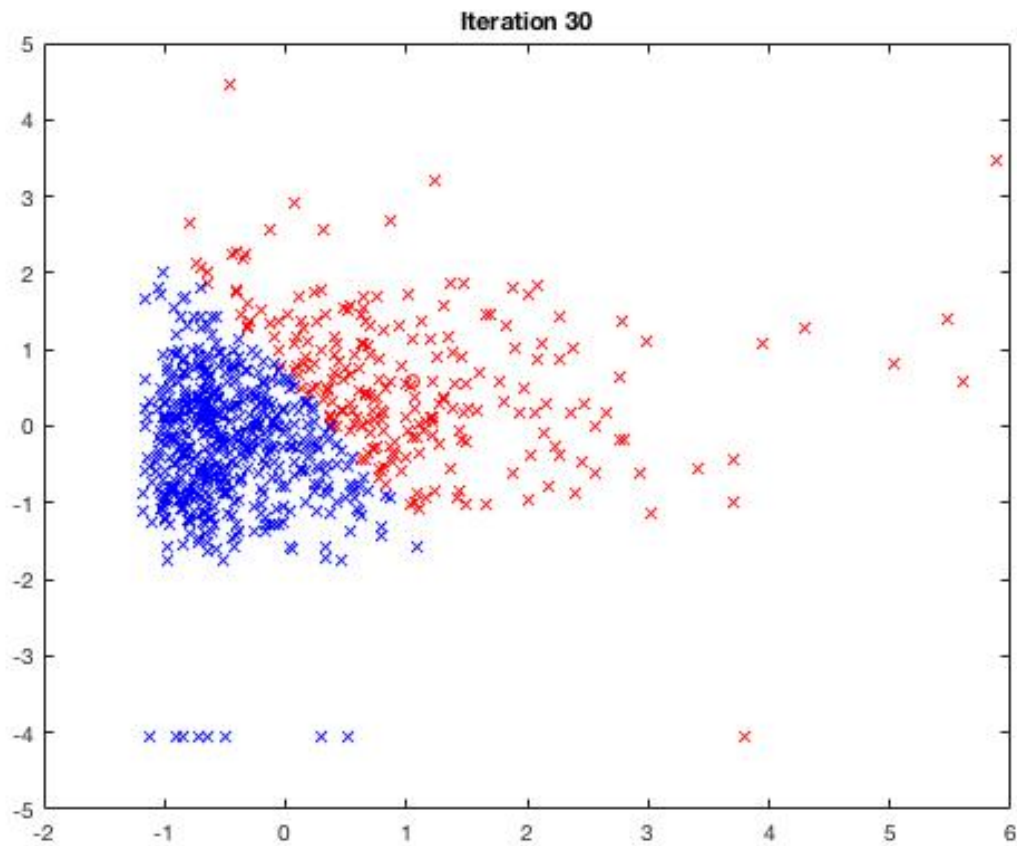

Figure 2: Initial Clustering

The final cluster assignment visualization

Figure 3: Final Clustering after 30 iterations