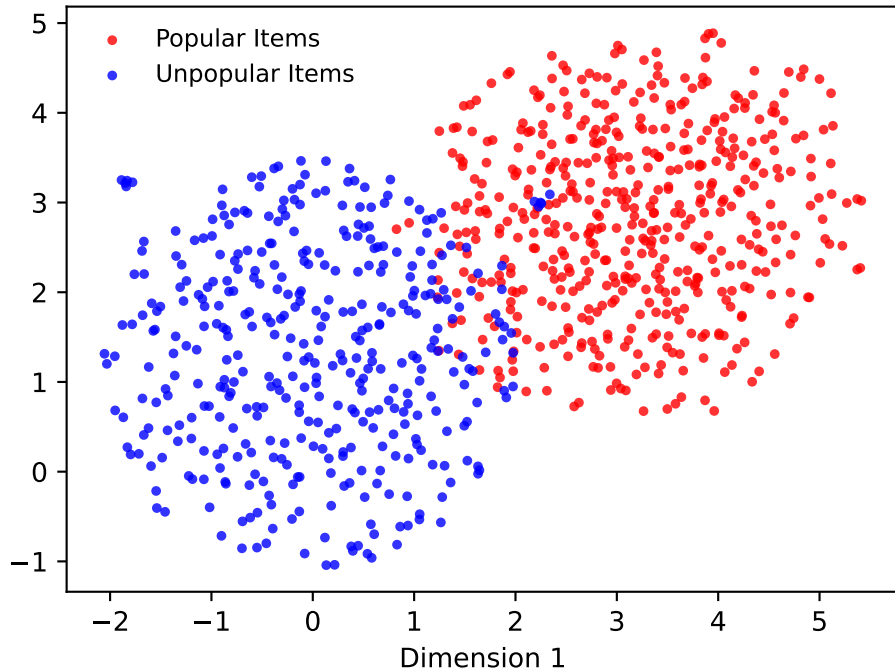**(a) Item Initial Embeddings**

(b) Item Visualization Updated Embeddings

- Popular Items
- Unpopular Items