

# Tarea 3 Aglomeración - Imágenes

Abraham Arias Chinchilla, Lenin Torres Valverde.  
ipseabraham@gmail.com, ttvleninn@gmail.com

Cluster Center Images



Figure 1: Centroides, k=3

Cluster Center Images



Figure 3: Centroides, k=10

K-means clustering on the digits dataset (PCA-reduced data)  
Centroids are marked with white cross

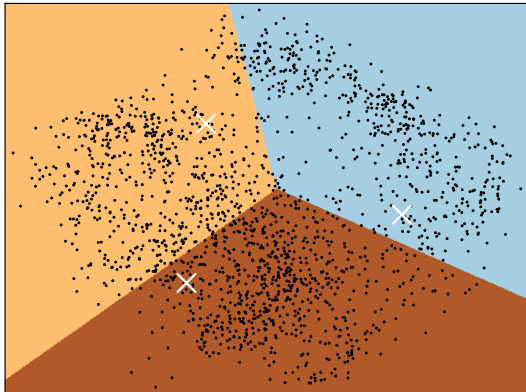


Figure 2: Centroides with PCA en 2D, k=3

K-means clustering on the digits dataset (PCA-reduced data)  
Centroids are marked with white cross

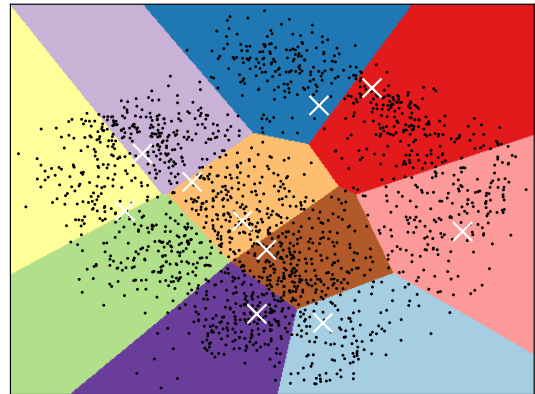


Figure 4: Centroides with PCA en 2D, k=10

## Cluster Center Images

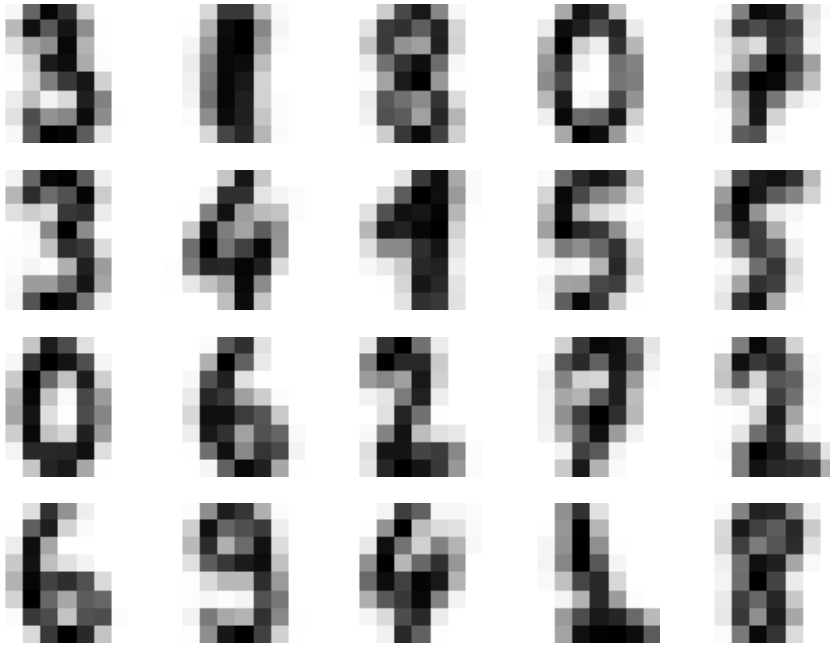


Figure 5: Centroides,  $k=20$

K-means clustering on the digits dataset (PCA-reduced data)  
Centroids are marked with white cross



Figure 6: Centroides with PCA en 2D,  $k=20$