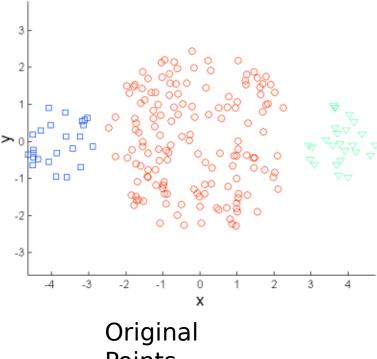


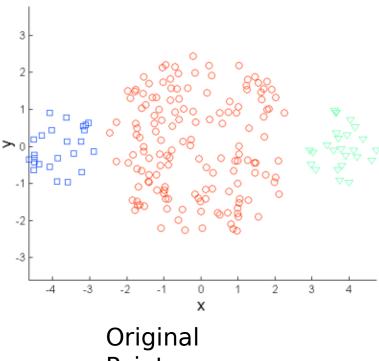
Clusters are of different sizes.



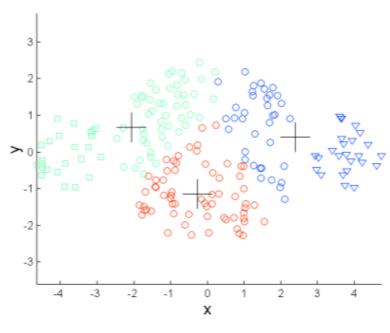


**Points** 





**Points** 



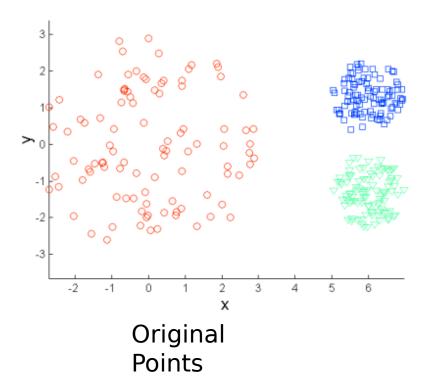
K-means (k =3)



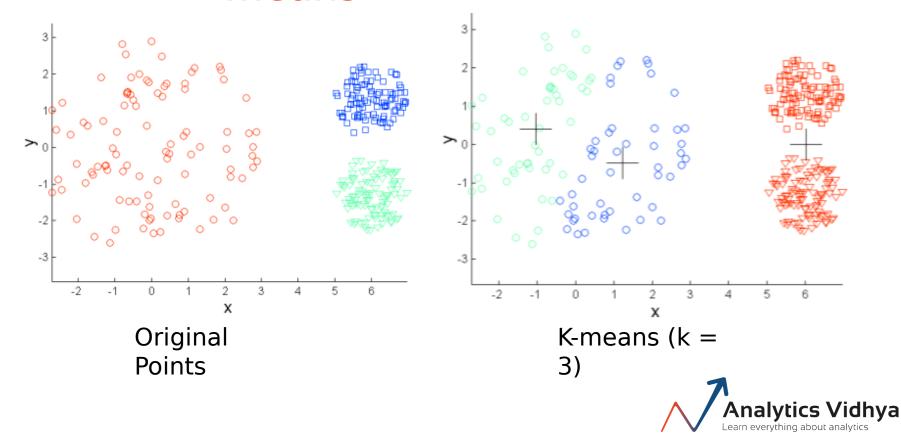
Clusters are of different sizes

Clusters are of different densities









Clusters are of different sizes

Clusters are of different densities

Problem with random initialization

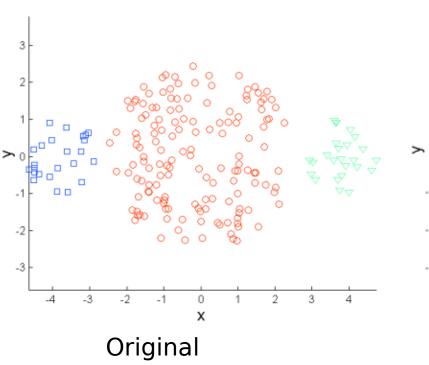


Solutio n

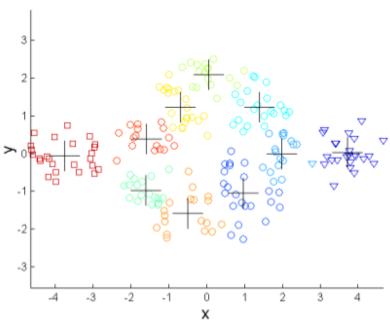
Increase the number of clusters



### Solutio

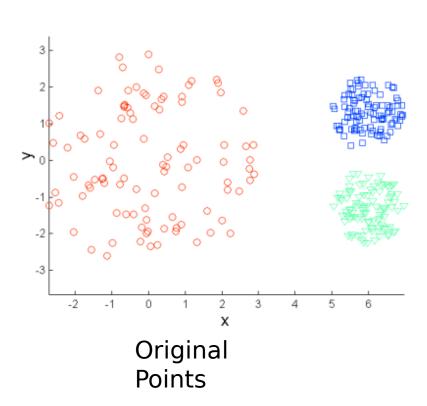


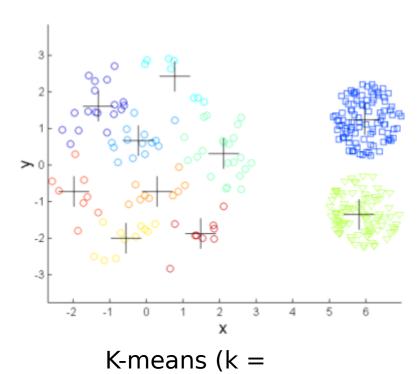
**Points** 



K-means (k =10) **Analytics Vidhya** Learn everything about analytics

#### Solutio n





Analytics Vidhya
Learn everything about analytics

10)

# Thank You!

