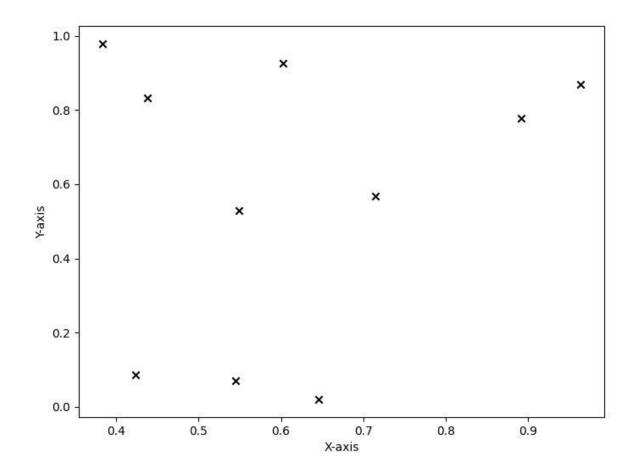
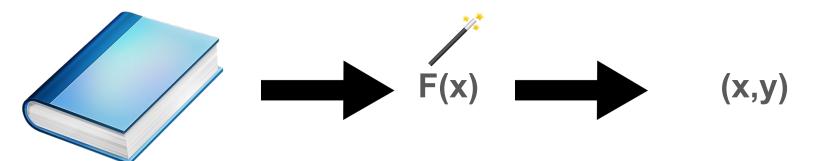
ANNOY

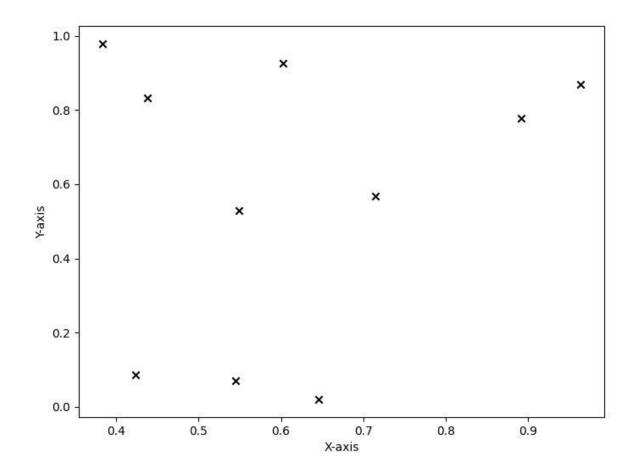
Approximate Nearest Neighbours Oh Yeah

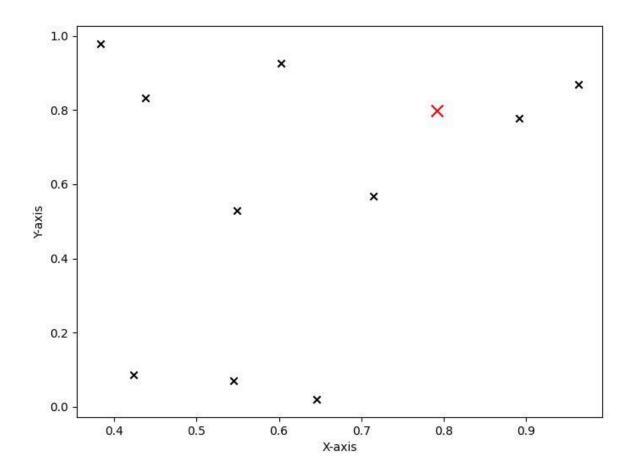
Background

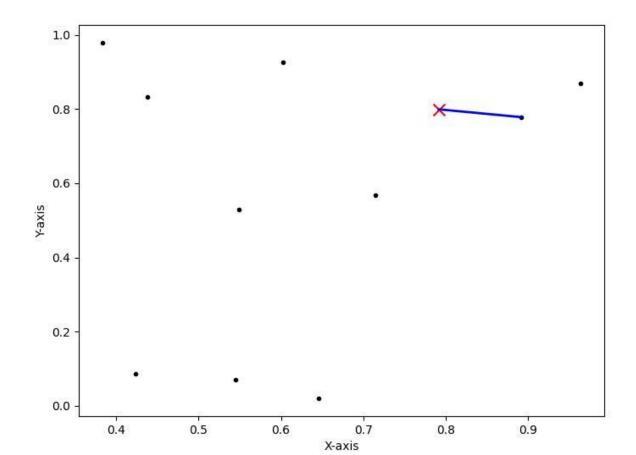
What is (K-) Nearest Neighbor?

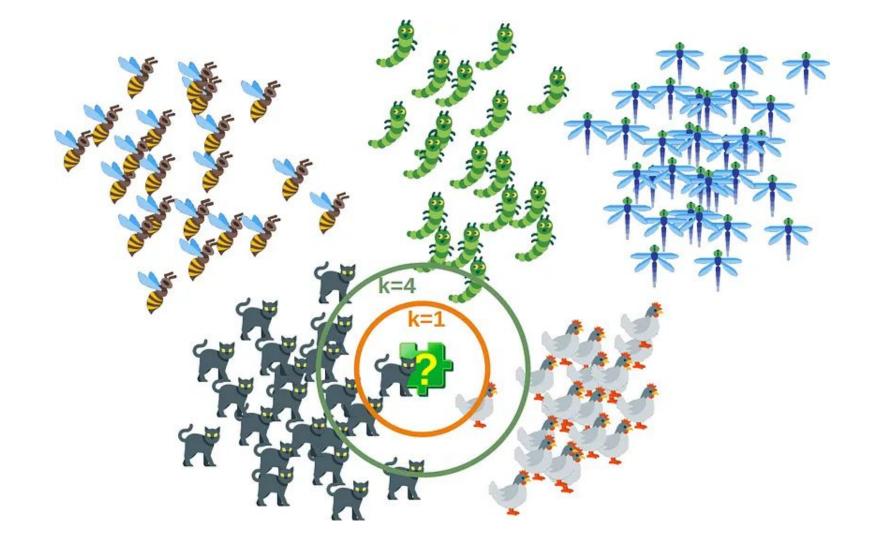




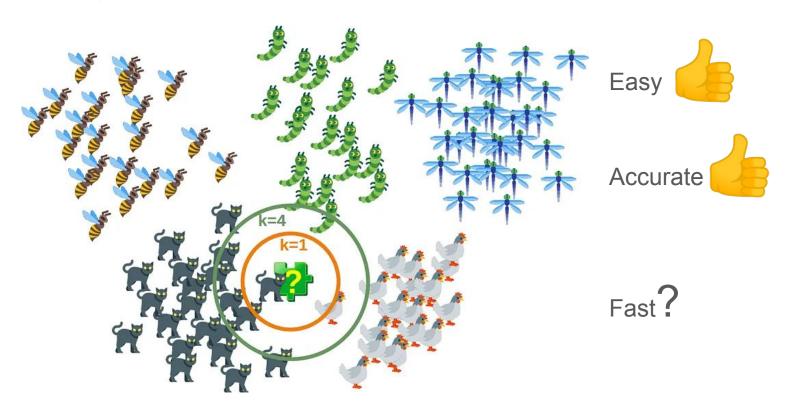






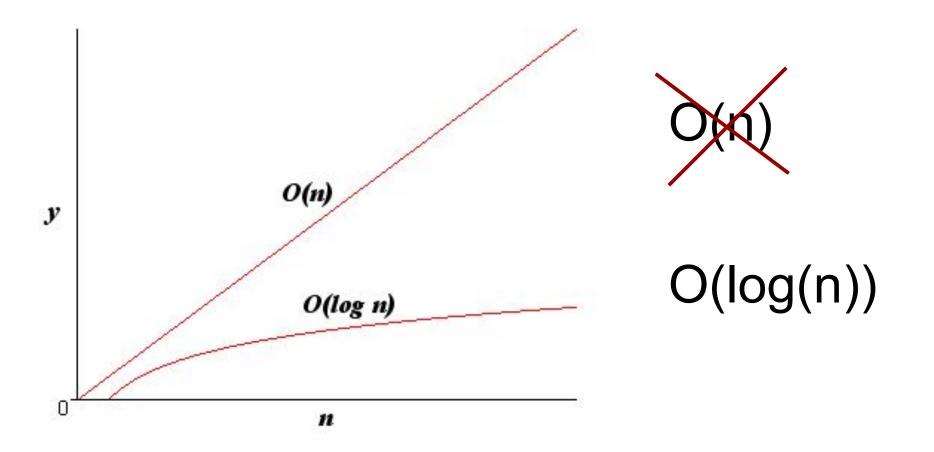


Is it good?



O(n)





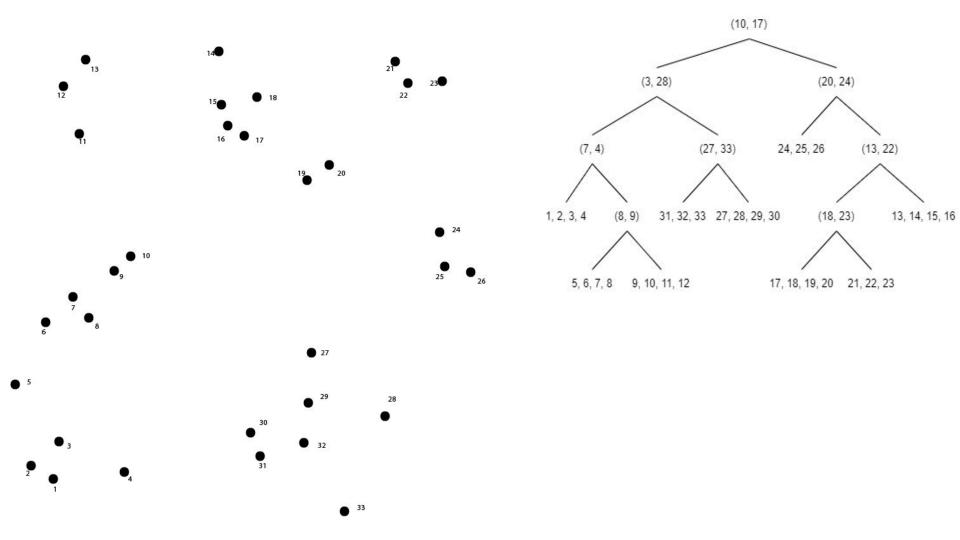
Approximate Nearest Neighbours Oh Yeah

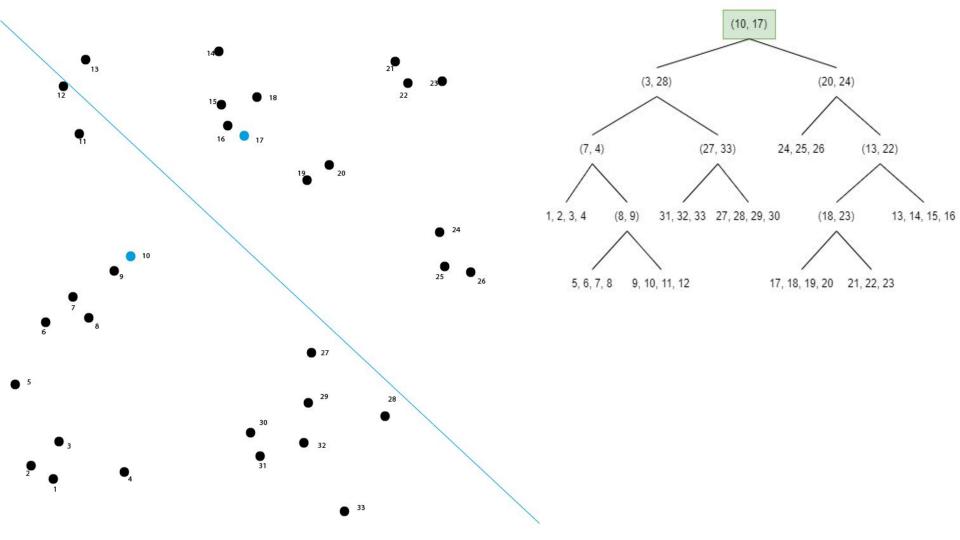
Song recommendation

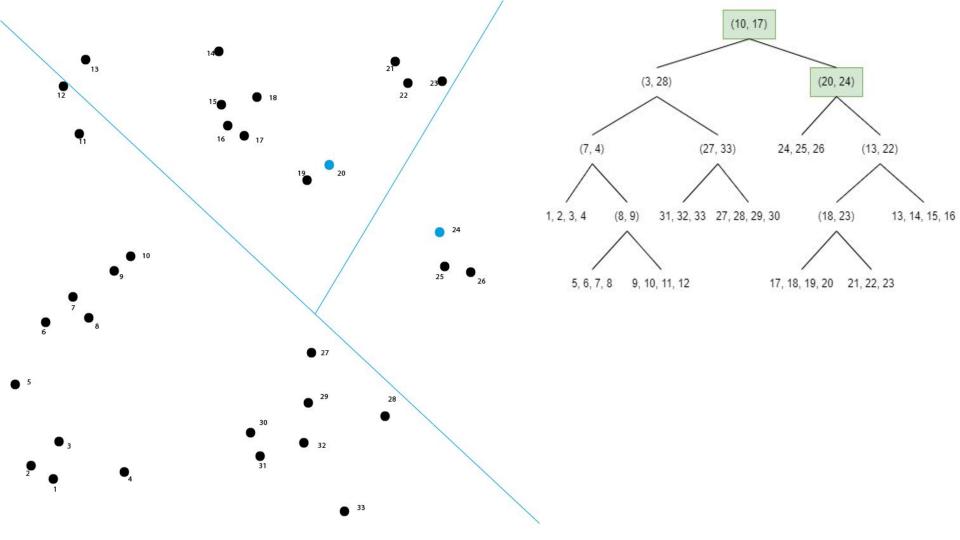
Millions of songs and users

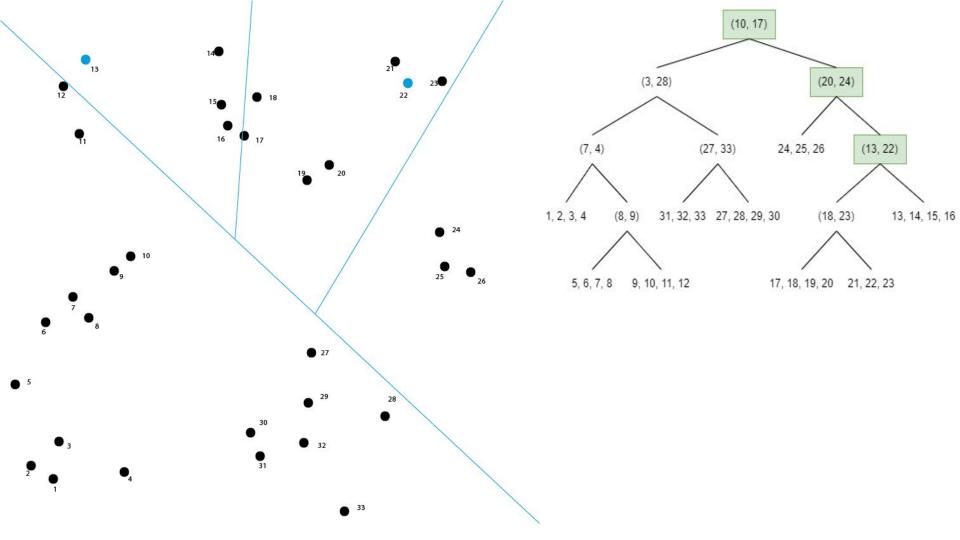
When closest neighbour does not matter

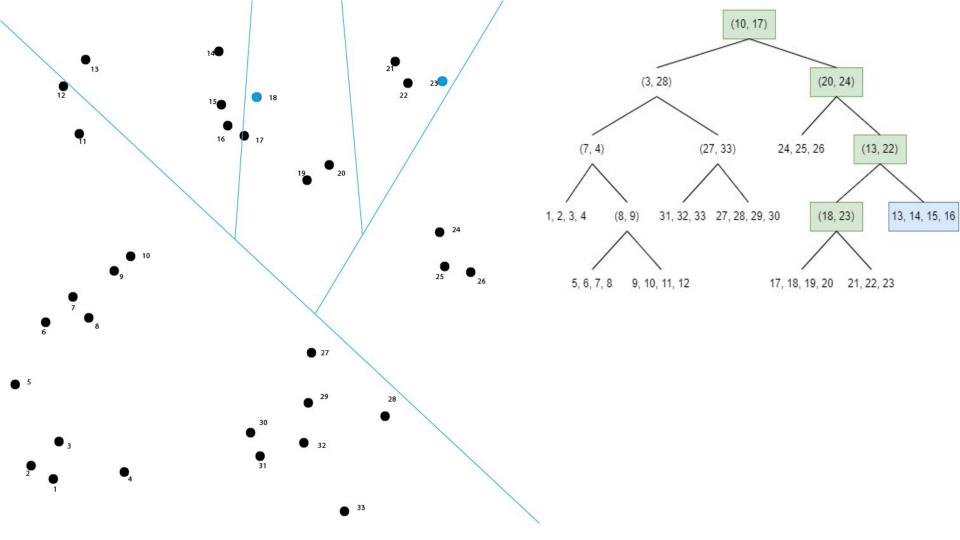


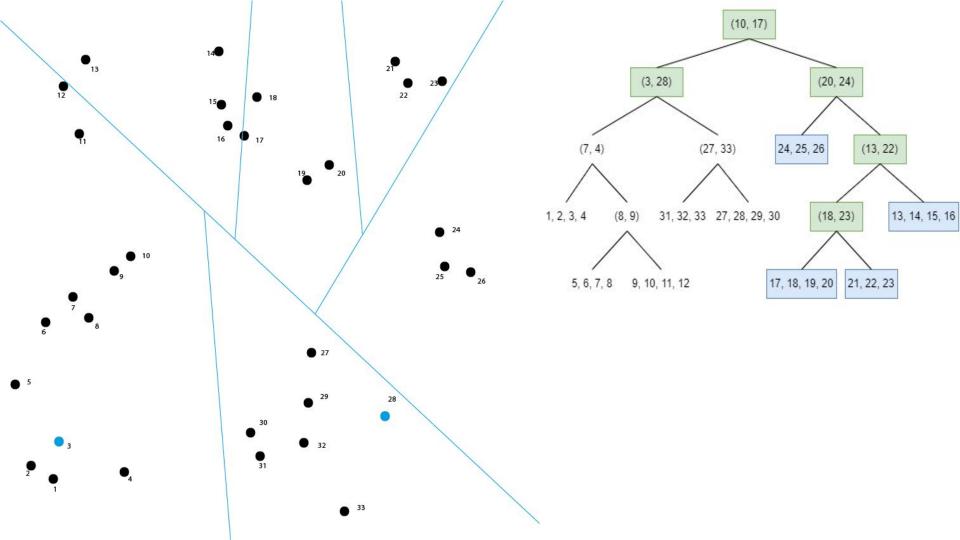


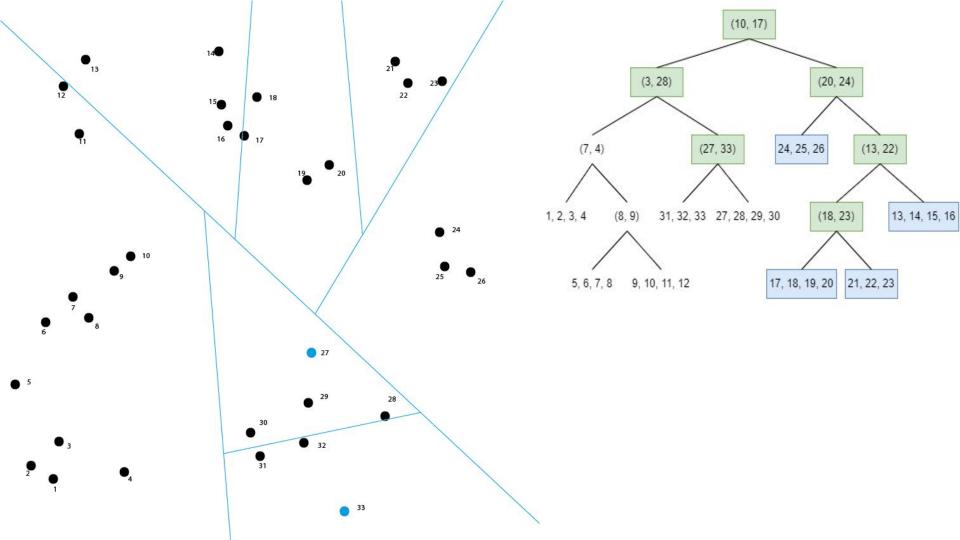


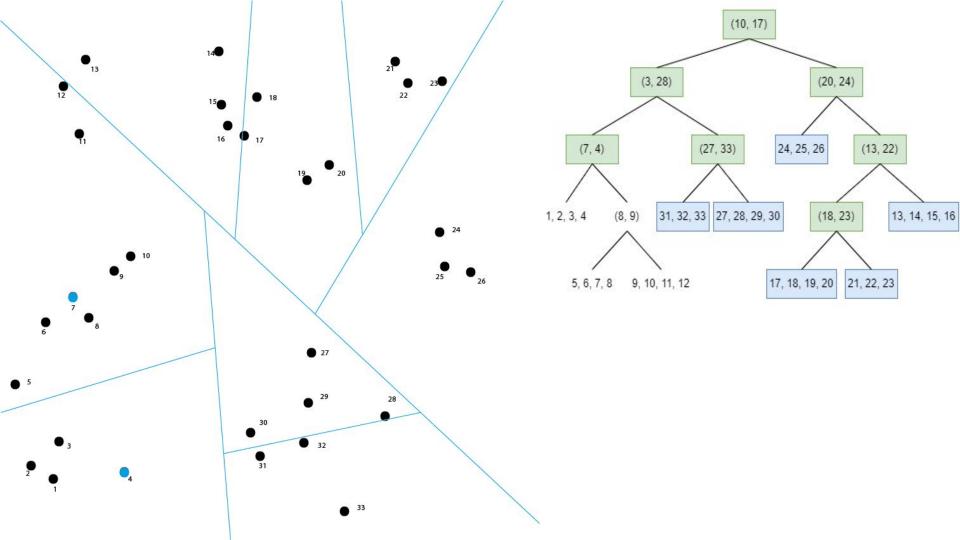


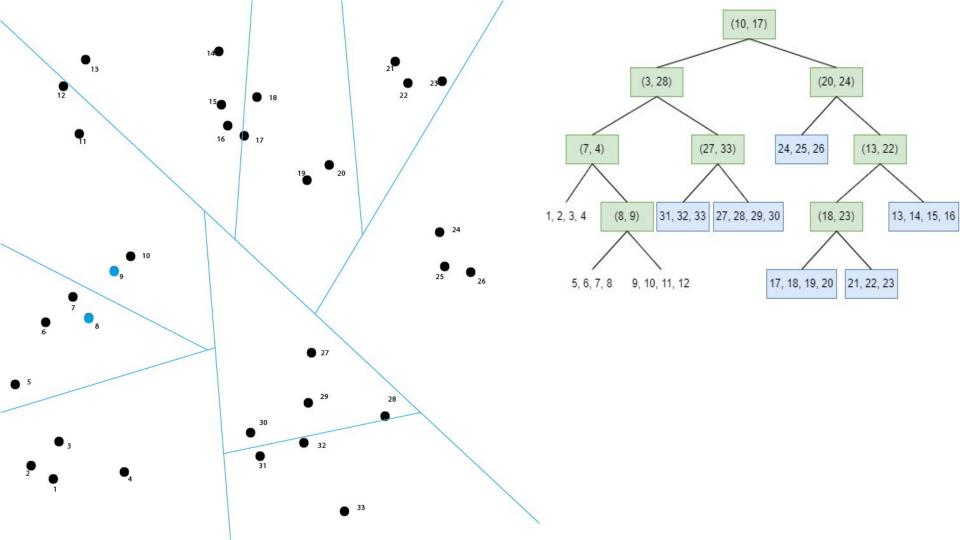


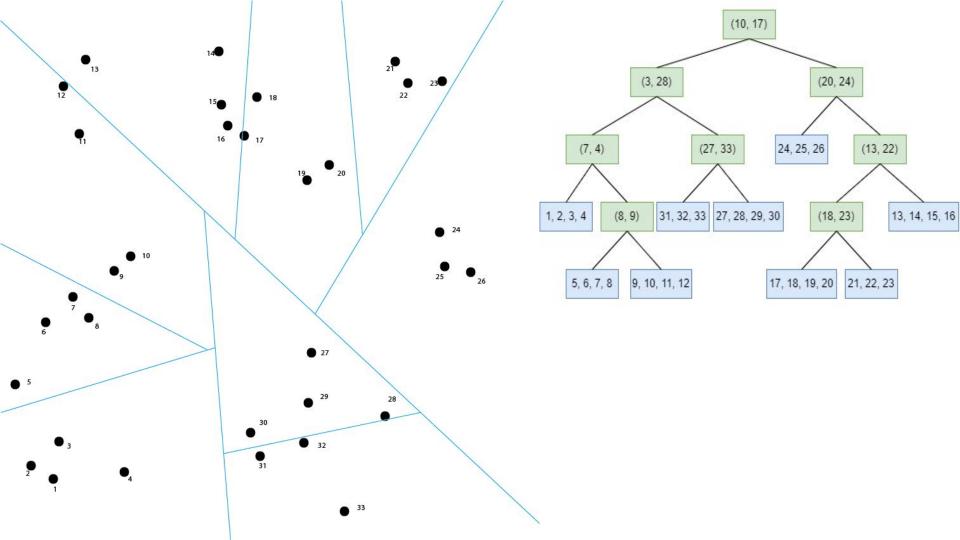


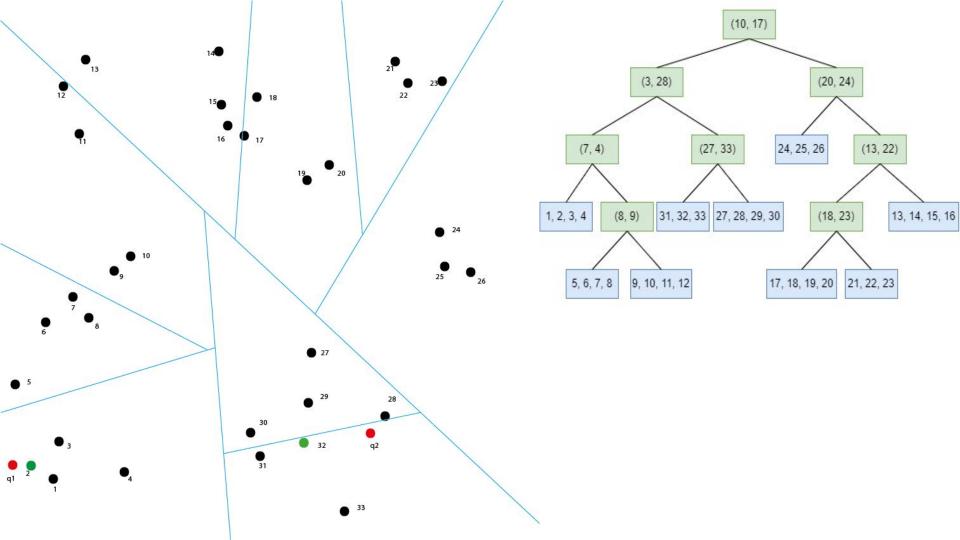


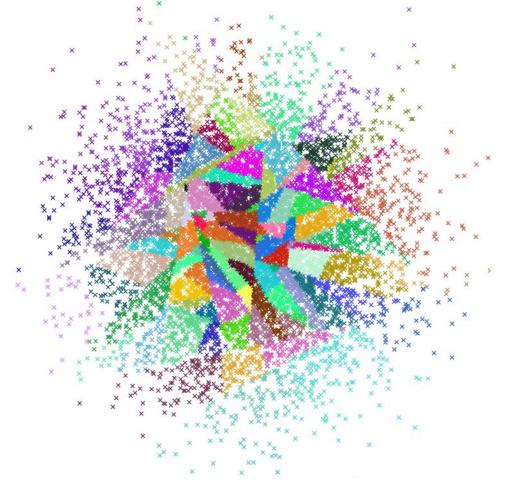












https://github.com/spotify/annoy