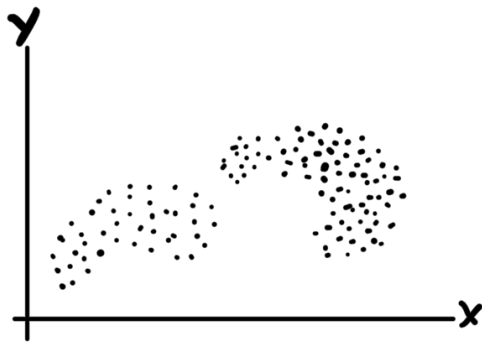


Kmeans

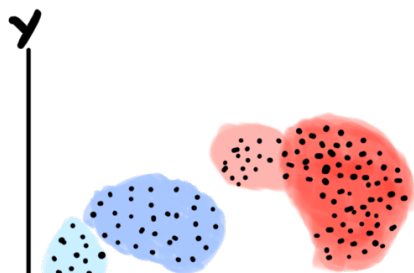
To discuss **K-Means** we must first know what cluster analysis is.

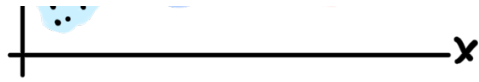
Say we have some unlabeled data and we wish to **classify** it.
First let's look at a basic plot:



So to us we might say there is anything from 2-5 distinct groups.

Let's not worry about the data and just **assume** this is our cluster 5





But how do we discover these clusters?

