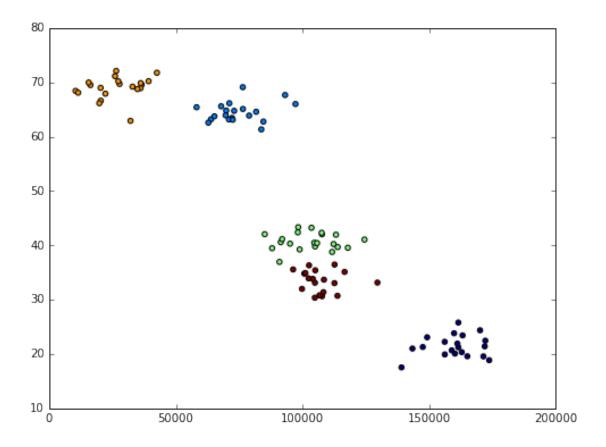
## **KMeans**

December 20, 2016

## 1 K-Means Clustering Example

Let's make some fake data that includes people clustered by income and age, randomly:

We'll use k-means to rediscover these clusters in unsupervised learning:



## 1.1 Activity

Things to play with: what happens if you don't scale the data? What happens if you choose different values of K? In the real world, you won't know the "right" value of K to start with - you'll need to converge on it yourself.

## In []: