**Module 3 term project**

I have applied the lazy learning nearest neighbours method to predict whether certain cosmetics were discontinued or not.

I used k=230 which was about the biggest k I could use before the knn function ran into ties (ideally I would use 298, the square root of n=88955 otherwise). My results are in the picture below and the knn function has basically predicted most of the isDiscontinued to be false regardless of whether the actual answer was true or false. I think it is doing that because most of the products in the dataset have not been discontinued. Since the predictors don't have any real correlation with the target variable knn has simply taken on the bias in the data.

