Linear regression is a supervised machine learning model, used to predict target value. Generally, a dataset gets divided in two parts, training and testing. After that, a supervised model is built using only training set data and then the same model is run on test set data to determine the accuracy.

The dataset I have used is based on Rohingya people from Mayanmar, taking shelter in Bangladesh. There are 1718 campsites where the Rohingya people has taken shelter. I have taken two columns, total individual and total number of household, to check how the number of individual are effecting the number of household in any campsite. I have also wanted to predict, the number of household will be needed for any given individual number.