# Relax Inc. Take Home Challenge

The dataset consists of information of 12000 users out of which login history is available for 8823 users. Out of 8823 users based on the criteria defined in problem statement, 1656 users have been identified as adopted user. Random Forest Classifier has been chosen for the predictive modelling which yields the accuracy of around 95% which is reasonably good. The modelling depicts the most important feature for the user to become adopted user is its usage history which is the difference of the time when account was created and the time when the user was last active.
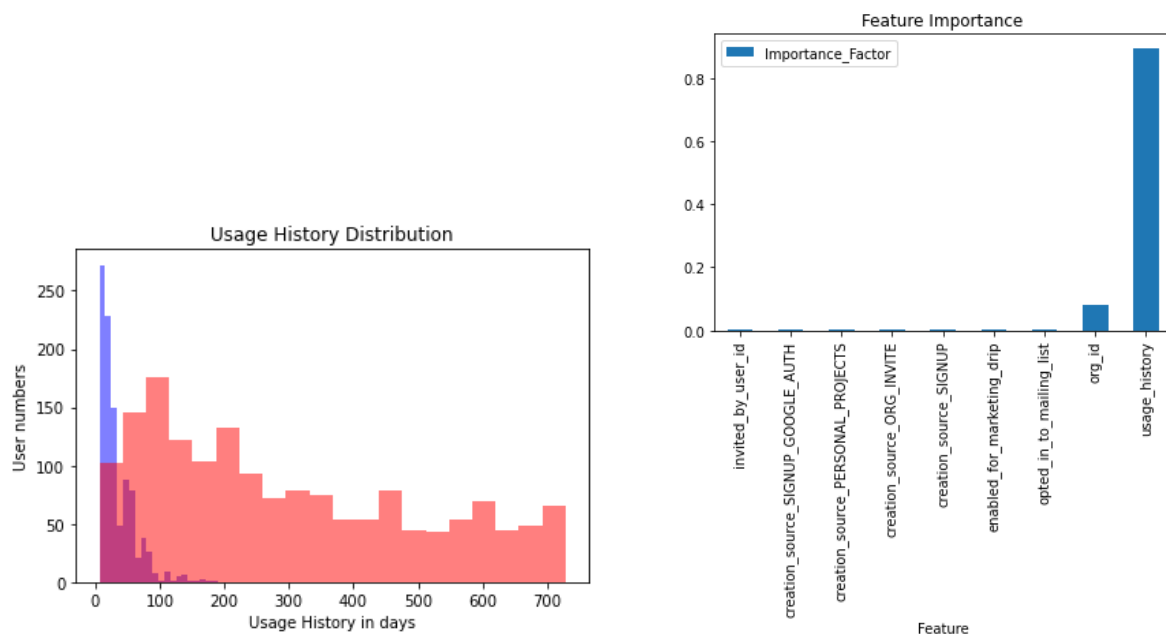
It is evident from the above plots that usage history indeed plays a vital role in determining whether the user will be adopted user or not. Relax inc. must attract the users on their website through marketing like creating competitions, webinars etc. so that new and updated features of software can be informed to users and likelihood of users becoming adopted users increases.