Relax Take Home Challenge Findings

The Relax Take Home Challenge was meant to determine what factors predict future user adoption, identified as a user who has logged into the product on three separate days in one seven-day period. The first thing that was calculated was to see which users were considered 'Adopted Users'. I created a function to iterate over all the users that checked user login dates to determine their 'Adopted User' status and the results of run of the function returned a value to the 'adopted user' column.

From the analysis of the log in and engagement data, we have determined that the most important feature when determining 'adoptive user' status is the 'last_session_creation_time' feature. I also saw some correlation between 'GUEST INVITE' and 'PERSONAL PROJECTS' creation source users and classification as an 'adoptive user'. I checked to see if there were any trends with the hour of logins for adoptive users, but did not see any trends.

Further research can be done on types of devices used to login, the location of the user, and the language spoken by the user.

