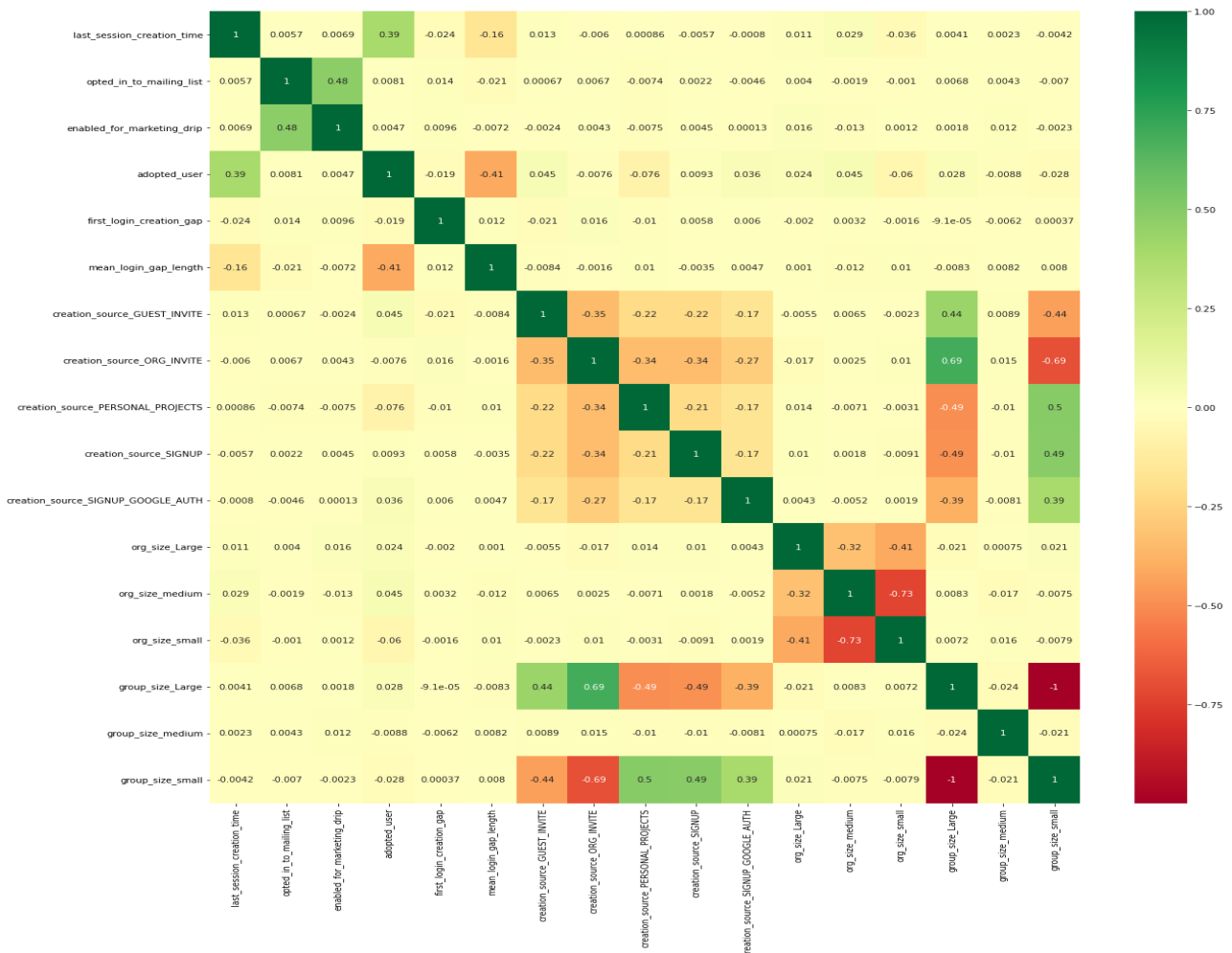# Take Home Users Report

Analysis:

I have joined two tables together and cleaned the data to make the analysis easy. To see which feature play import role in predicting adopted user, the heat map correlation matrix was used and the analyzed feature importance result has been plotted. Initially, it was found that last_session_creation_time : has 3177 rows as null values. And invited_by_user_id : has 5583 rows as null values.
But later, it is obvious that, it was the main feature for prediction.

Correlation Matrix:-

The heat-map shows that the "last_session_creation_time" have strong correlation with the adopted user value.

In conclusion "last_session_creation_time" played import role on the adopted-user. Other feature like org_size, creation_source also are less important, also have an influence on adopted_user.