There are total 1444 users can be identified as adopted user since they at least logged in three times within a same week. The adopted use rate has dramatically increased from year 2012 to year 2013, but almost stays the same from year 2013 to year 2014.

From Pearson coefficient correlation, the features have highest collinearity with target variable are last\_session\_year column, time\_stamp\_year column and creation\_month column.

From Seaborn pair plot, above mentioned three features also showed strong relationship with target variable.

The last step I did to filter out features most relevant to target variable is to SelectKBest method. The method showed the most relevant features are last\_session\_year column, creation\_year column and time\_stamp\_year column which show the same result as first two analyses.