

Revising codes:

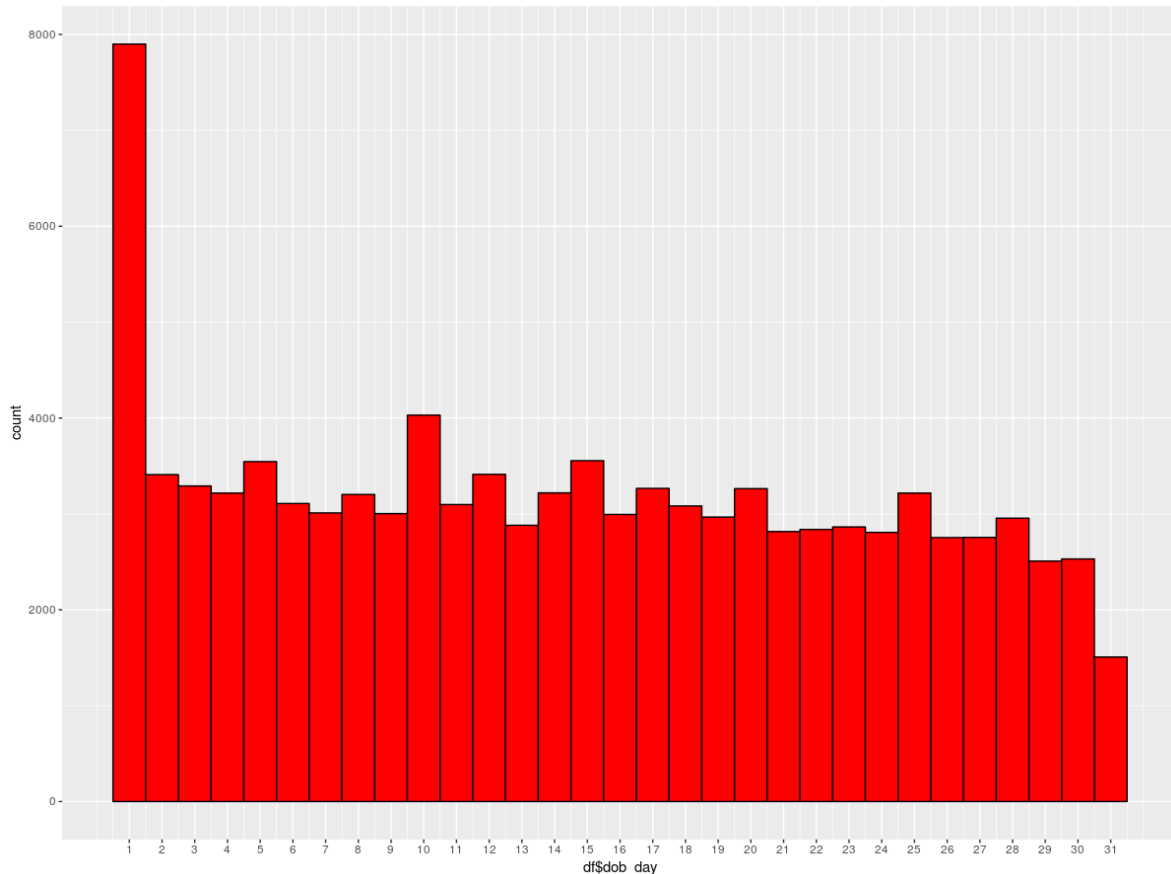
Lesson 1: Exploring one variable

Perform the below given tasks using R .

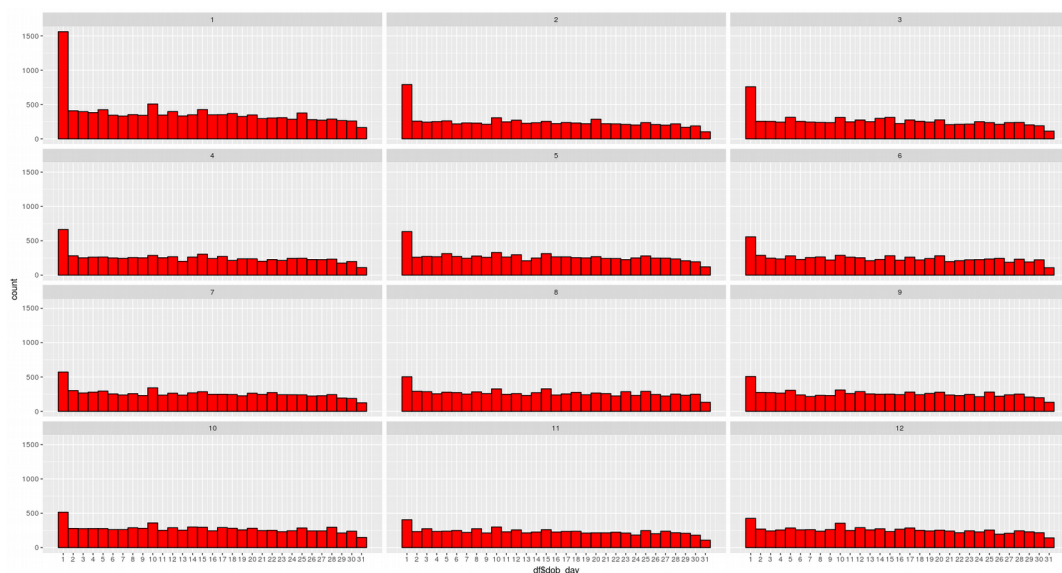
Solution plots are given for reference to see if you ever go wrong while practicing.

1) Load pseudo facebook data

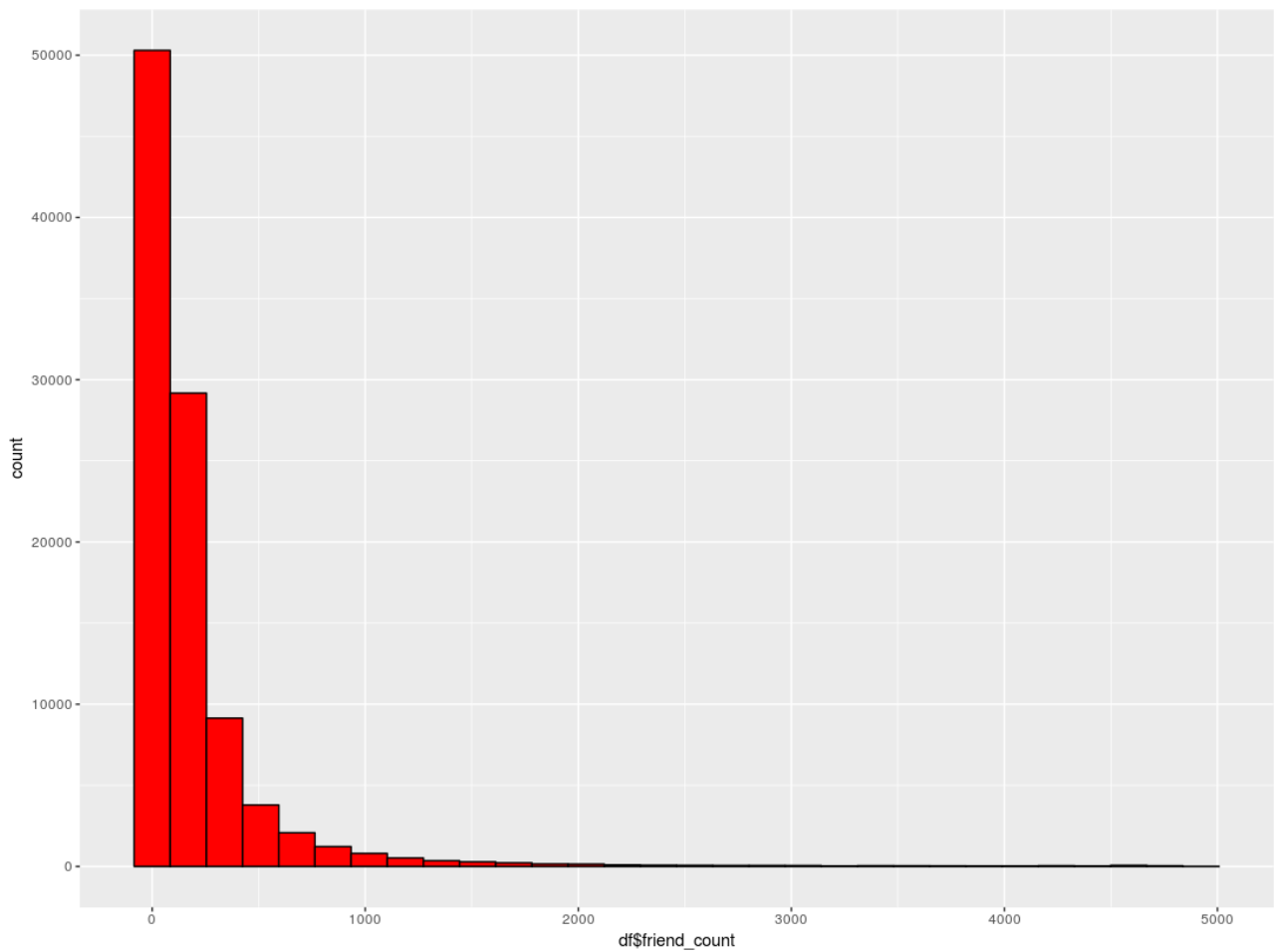
1. Make a histogram of number of people born at different dates of month.



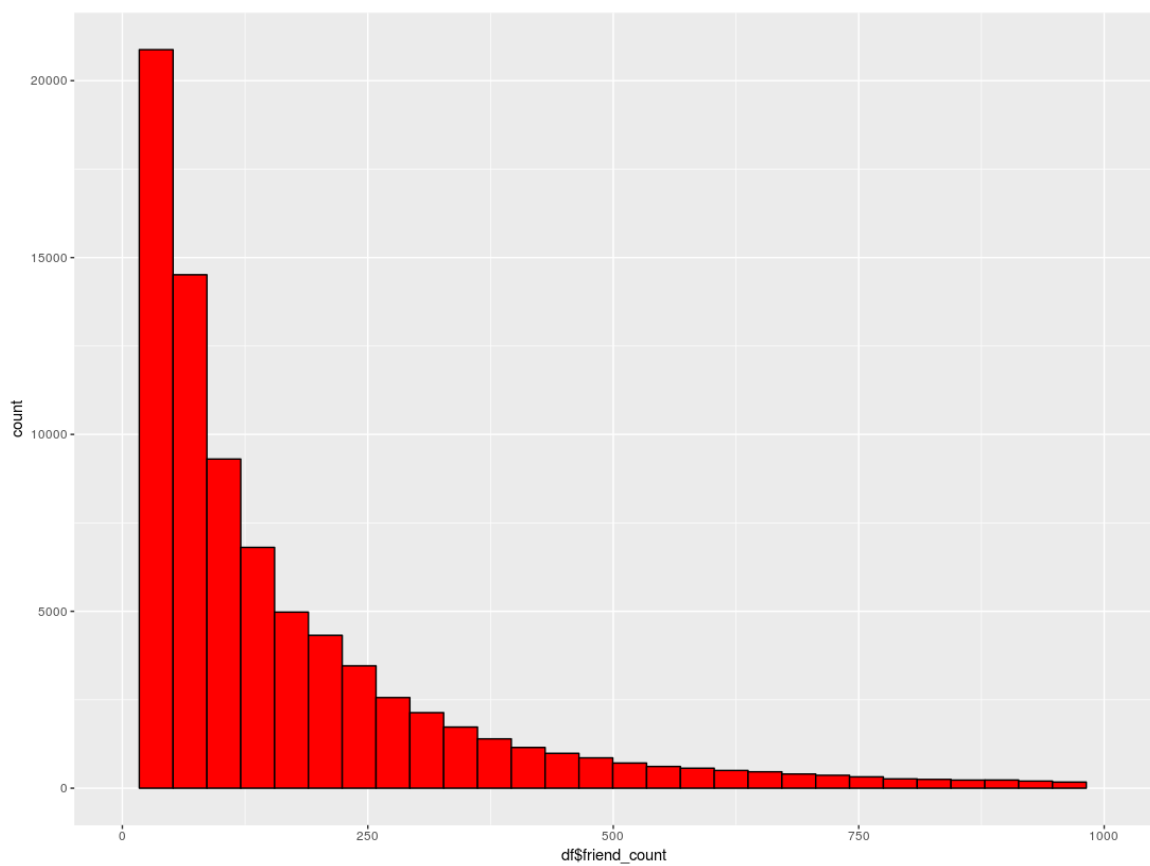
2. Make the same histogram but divide the plot based on the month of the year into 12 subplots.



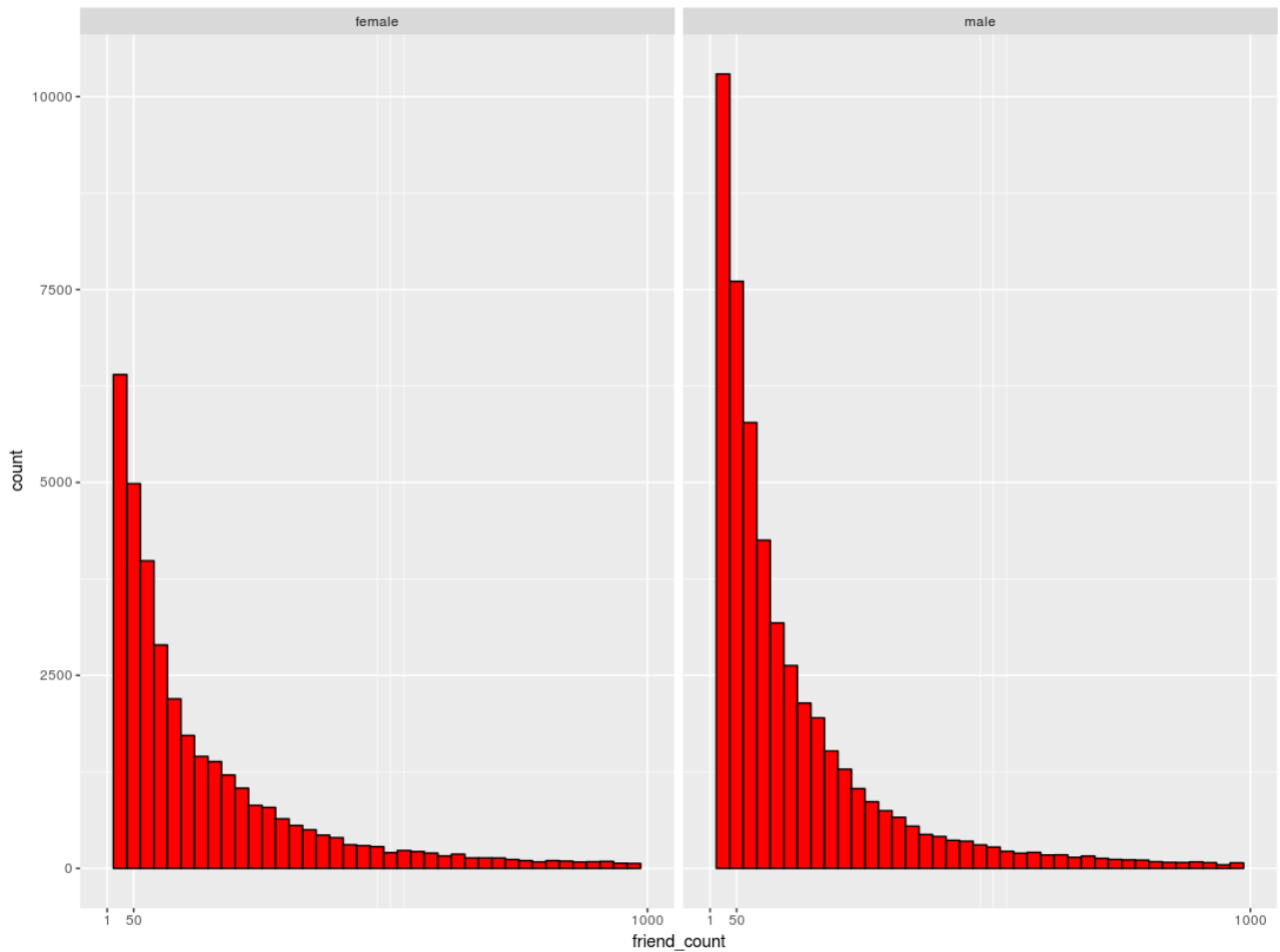
3. Plot number of people vs friend count histogram.



Now this is a long tail plot. Now plot it again but this time with data of friend count only under 1000.



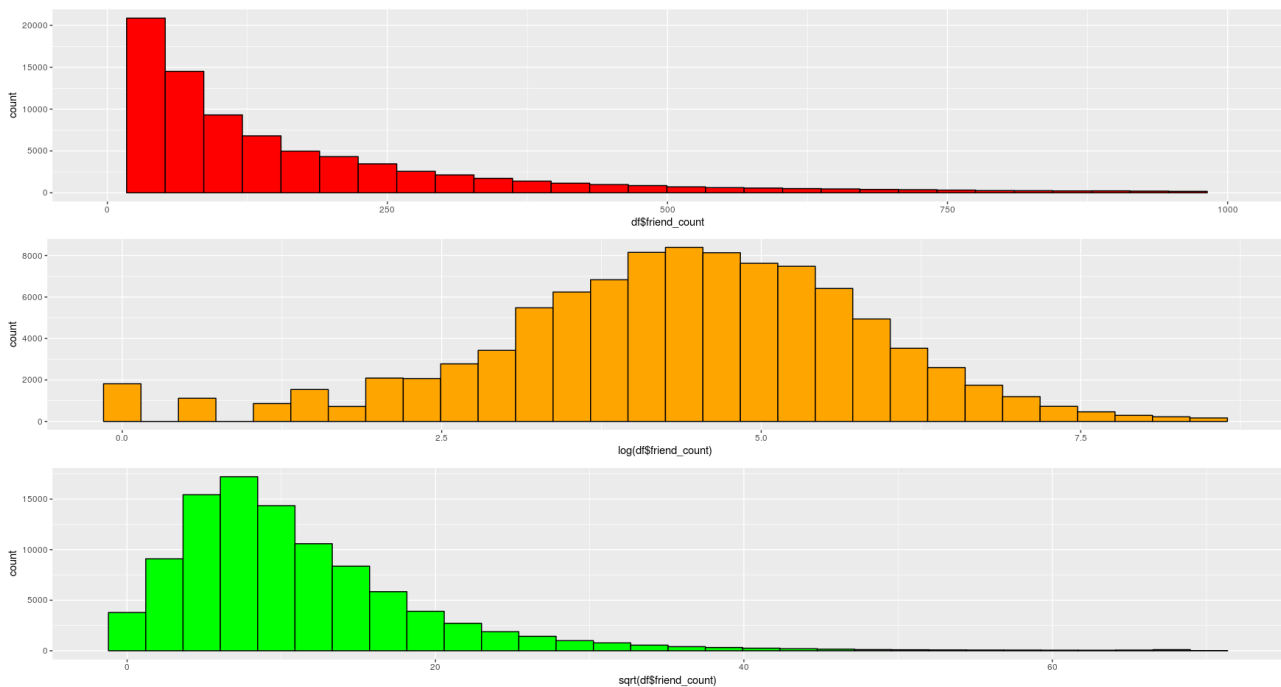
4. Make number of people vs friend count and separate them based on their gender.
And remove the people having gender as NA .



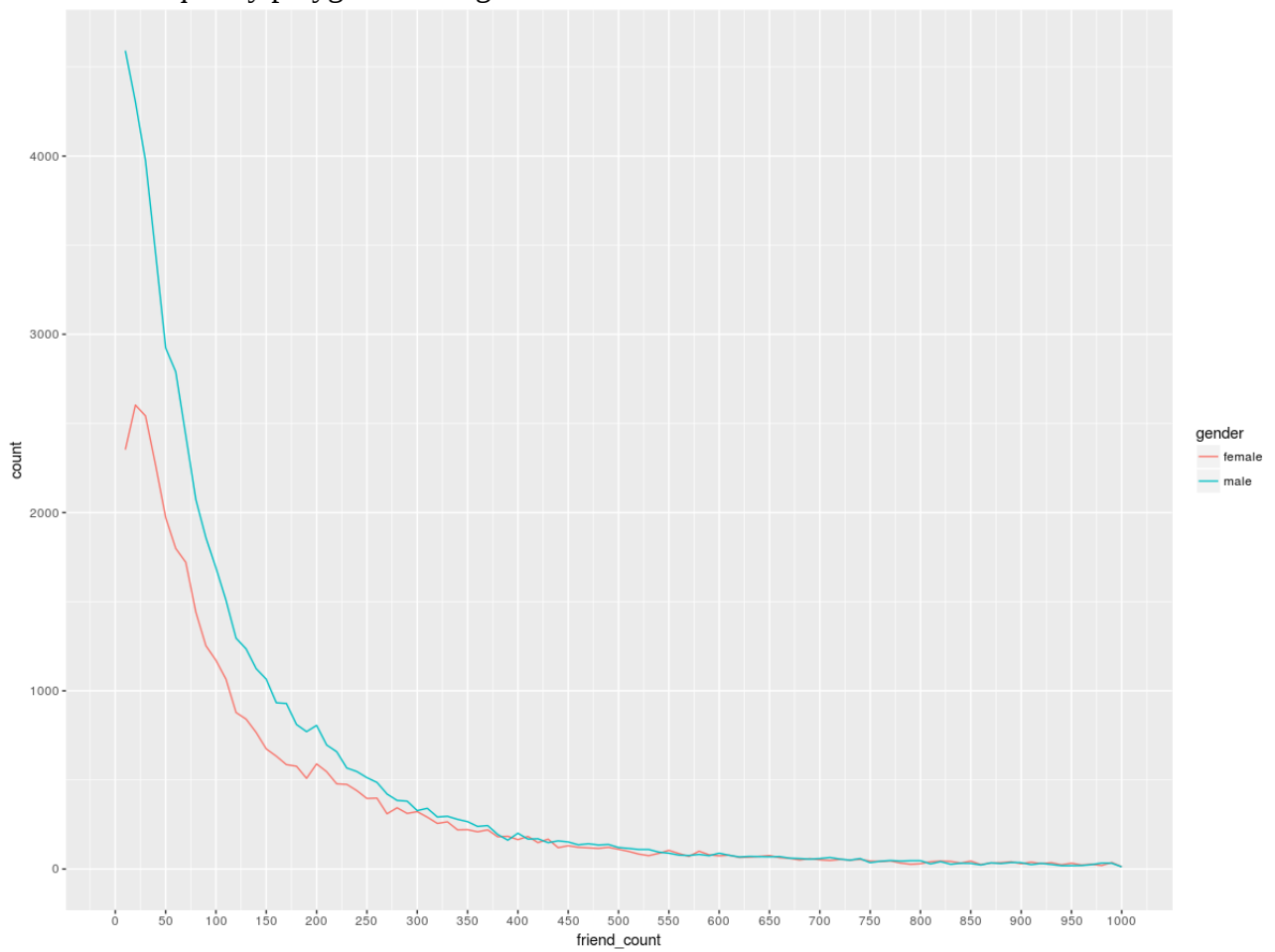
5. Analyze and tell which gender has more friends.

6. Create 1 column with following 3 histograms:

1. count vs friend_count
2. count vs friend_count transformed using log10
3. count vs friend_count transformed using sqrt



7. Make a frequency polygon showing count vs friends count for males and females.



8. Make a boxplot with friendcount on y-axis and gender on x-axis.

