Data Visualization

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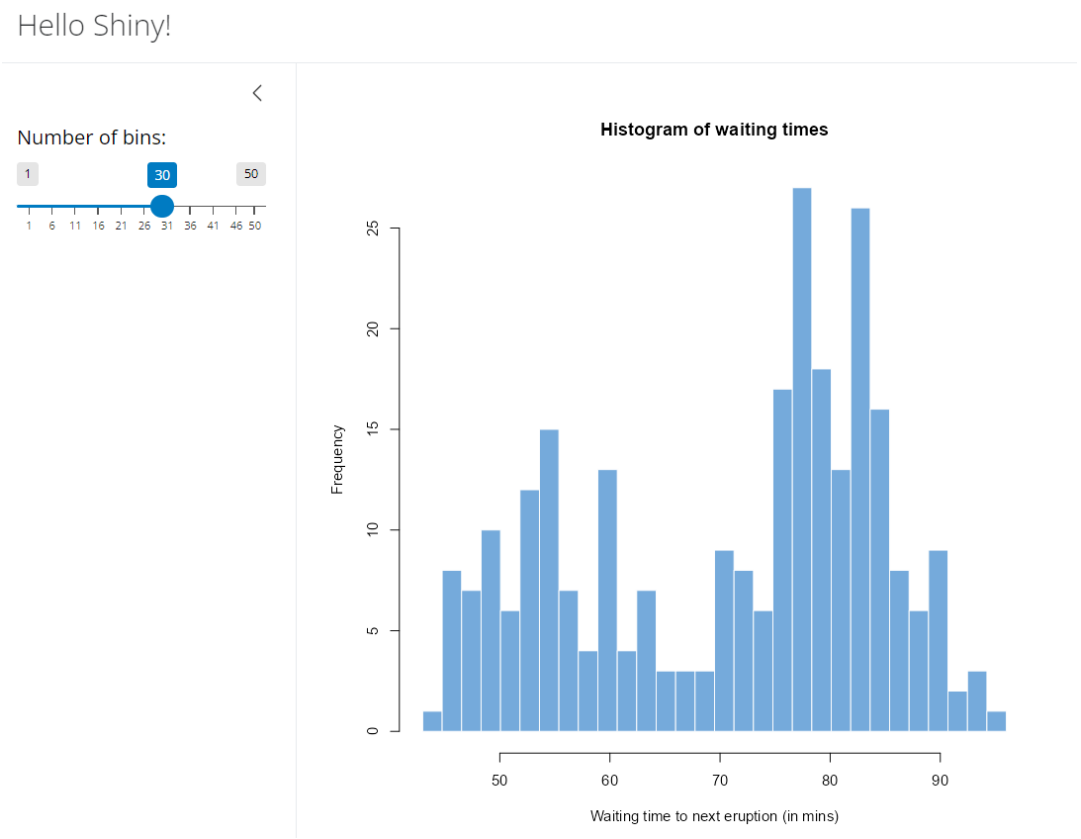
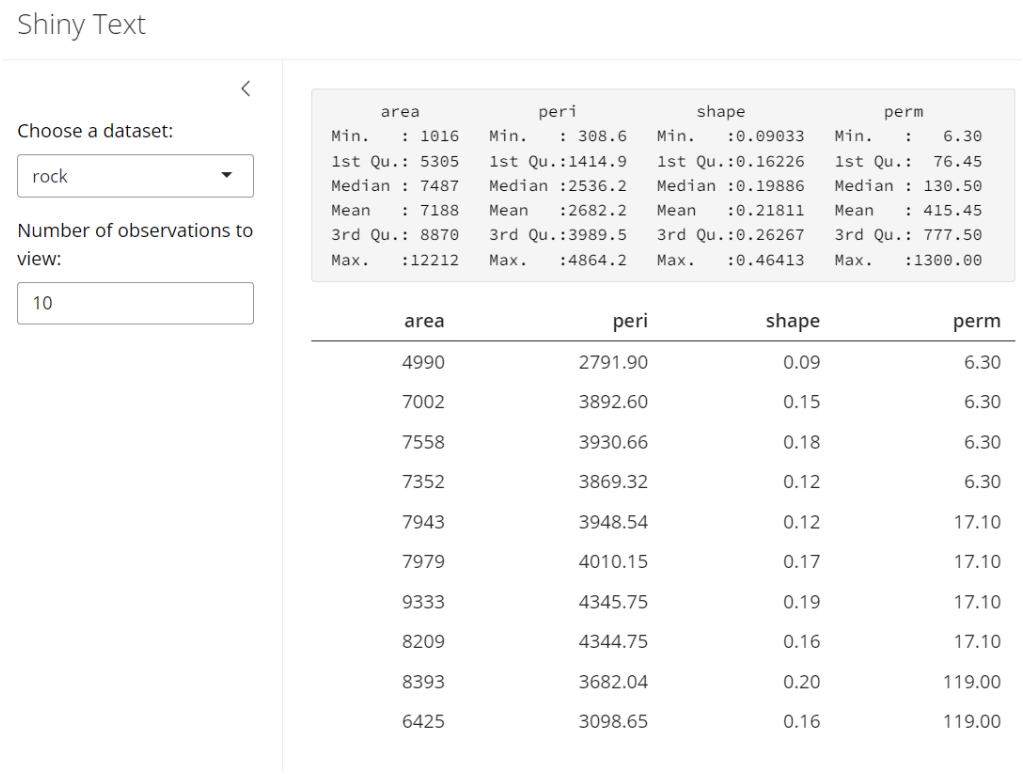
Installation:

As per the instructions, I installed Rstudio and R-4.3.3.
We'll be considering 3 datasets, DatasetTags, KernelTags and TeamMemberships.
Following the steps in the Shiny tutorial, we plotted the following example plots–

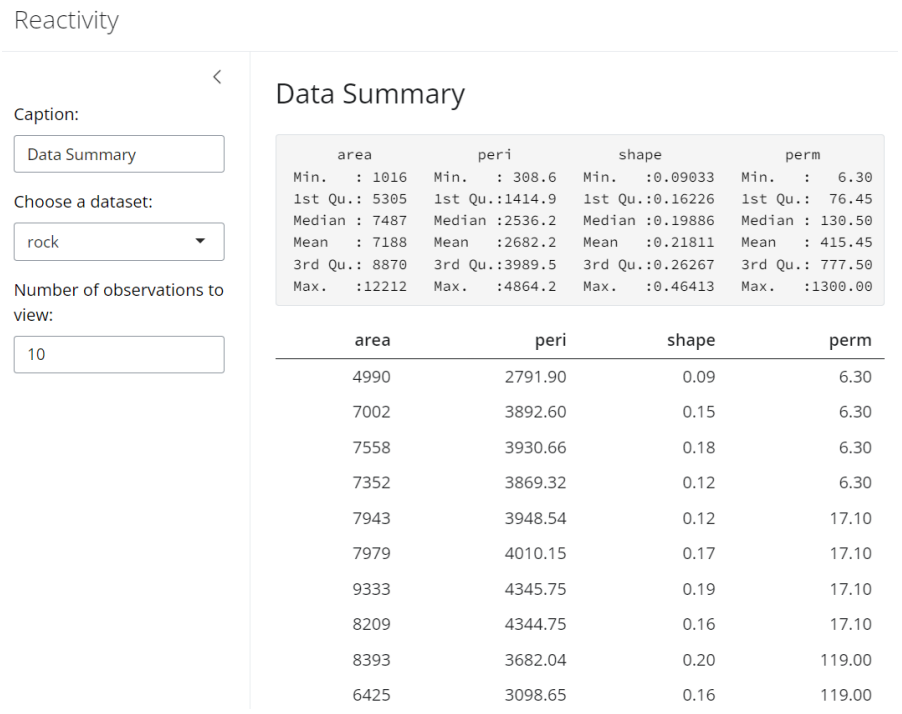
1. runExample("01_hello")



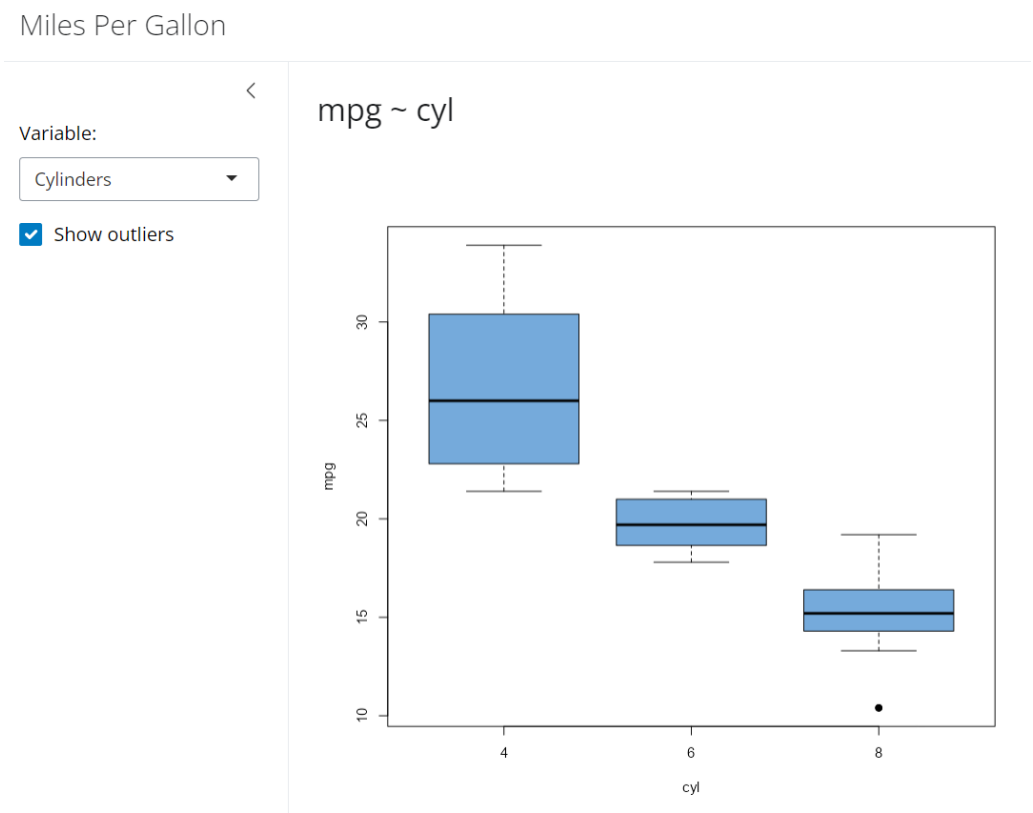
2. runExample("02_text")



3. runExample("03_reactivity")



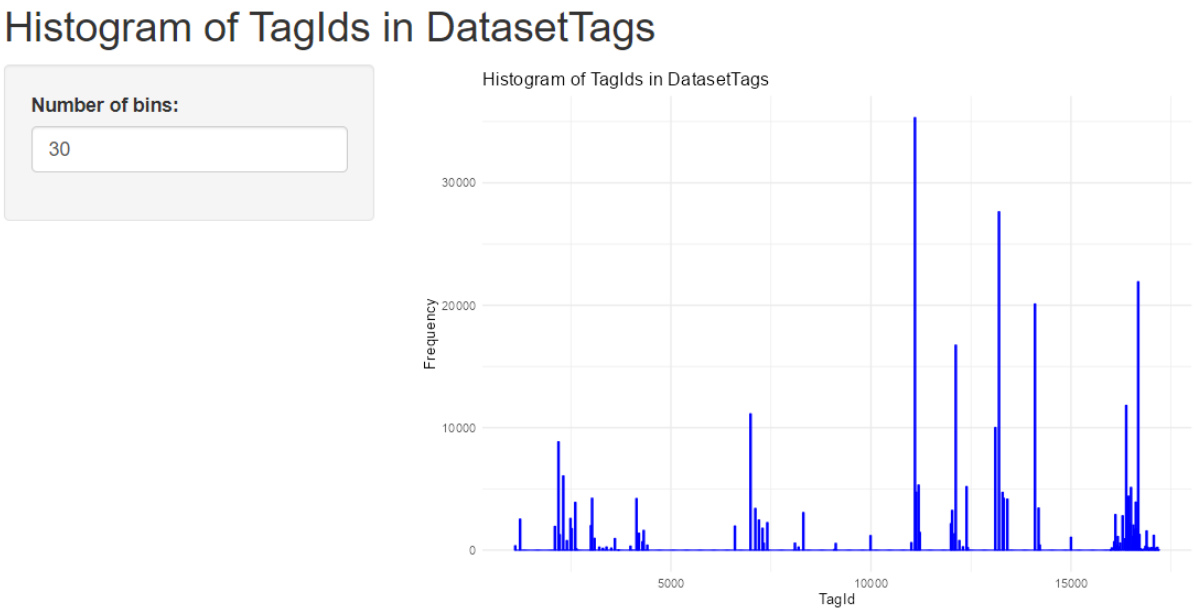
4. runExample("04_mpg")



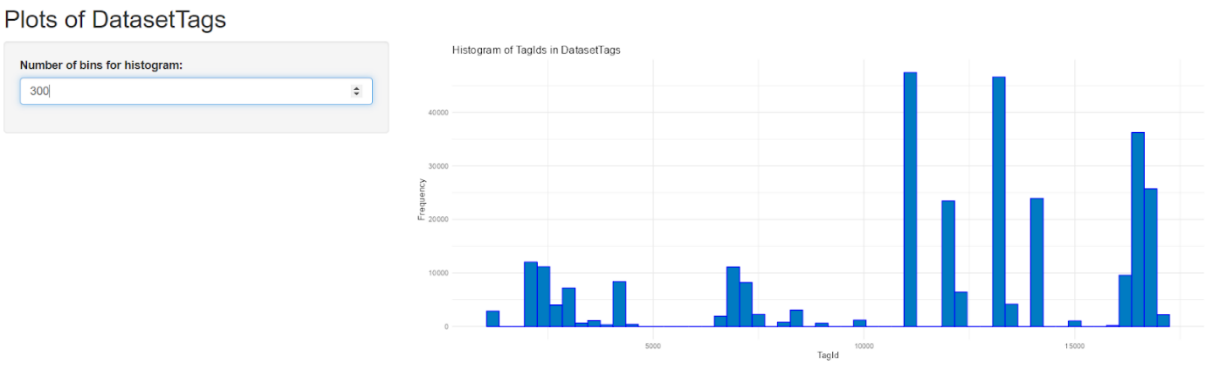
For DatasetTags Dataset:

Using DatasetTags Dataset, this dataset has four features: Id, DatasetId, TagId.

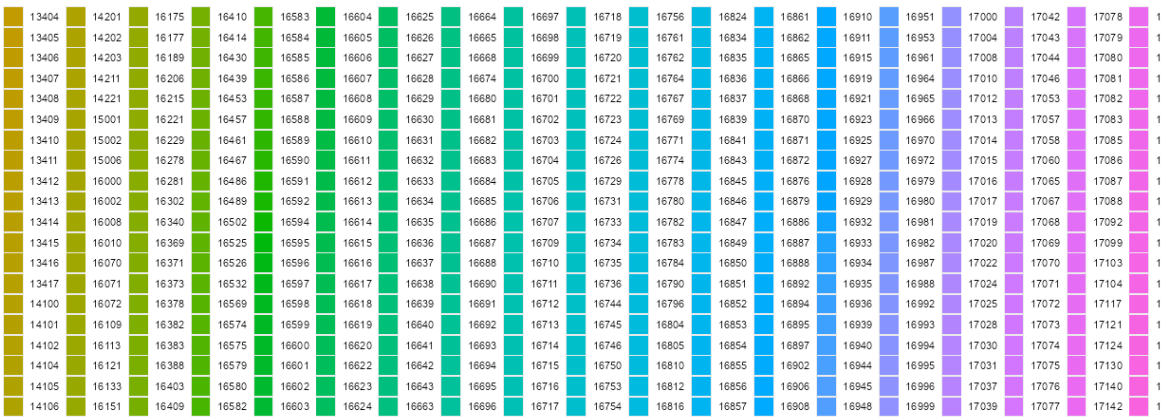
We plotted a histogram between frequency and TagId.



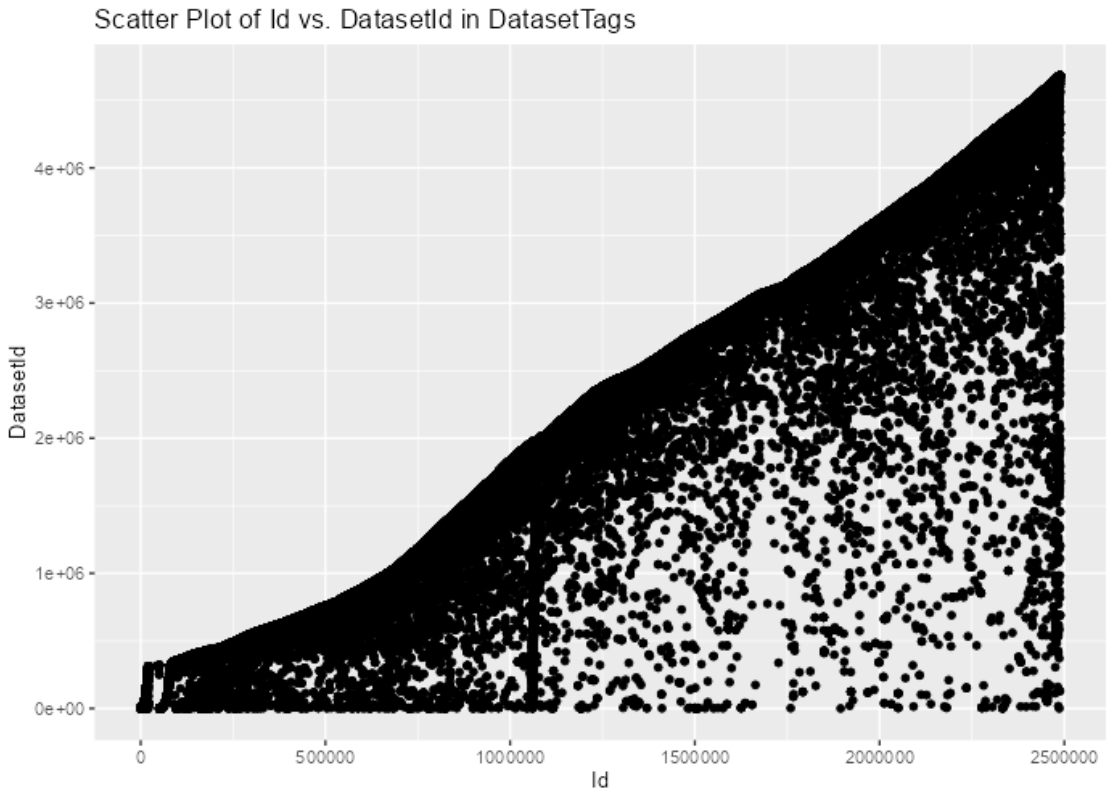
We plotted the same histogram but increased the bin size from 30 to 300.



We plotted a bar plot for the same.



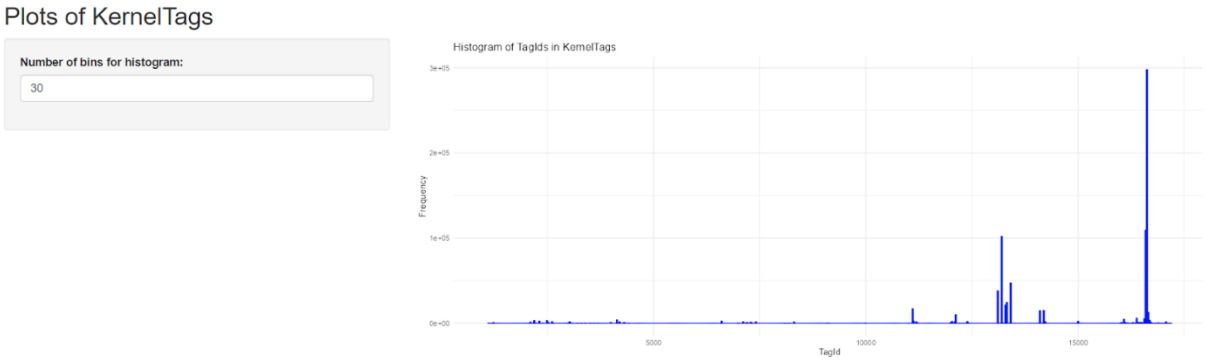
We plotted a Scatter plot between two features as Id and DatasetId.



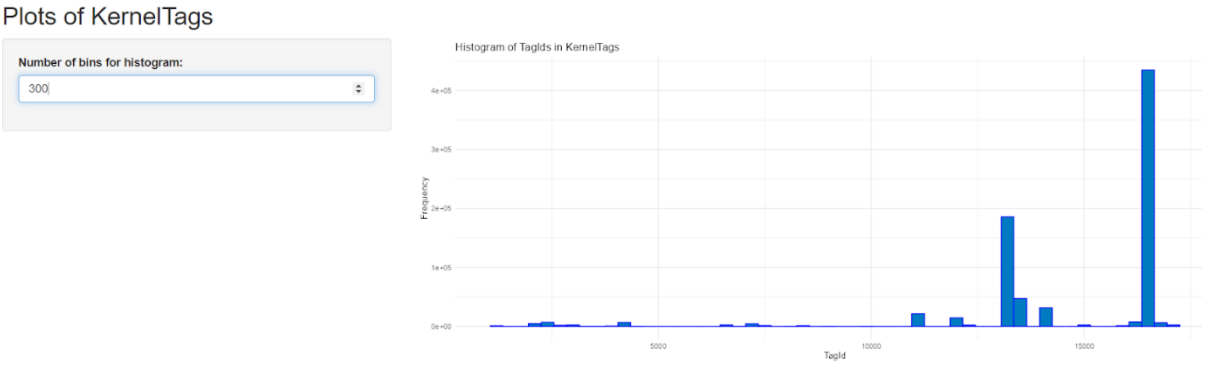
For KernelTags Dataset:

Using KernelTags Dataset, this dataset has four features: Id, KernelId, TagId.

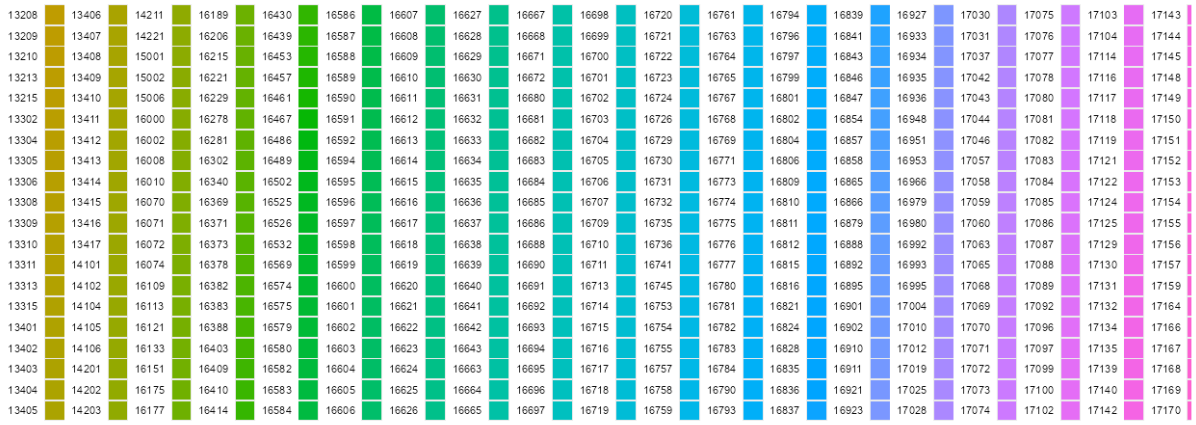
We plotted a histogram between frequency and TagId.



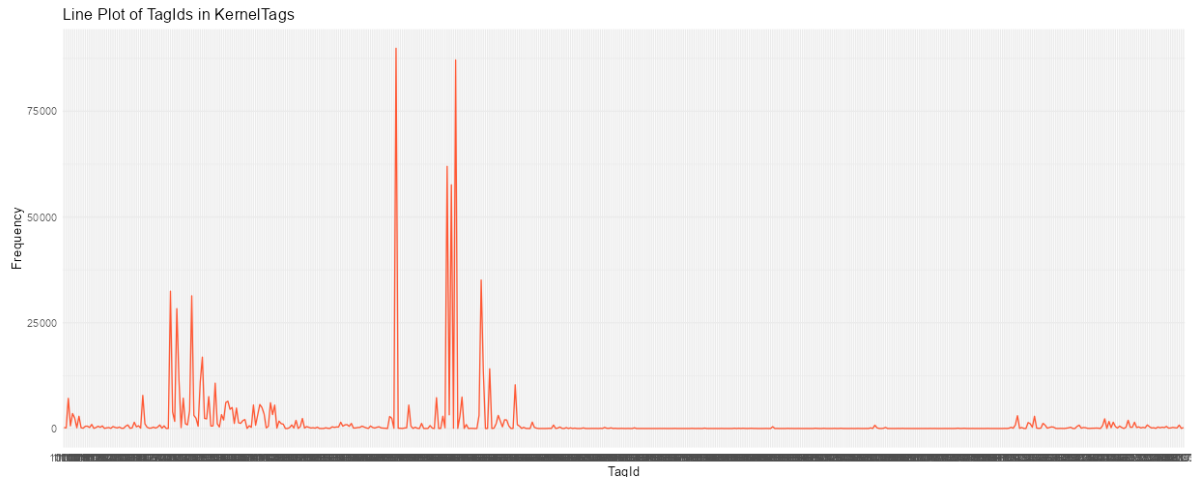
We plotted the same histogram but here, we are icing the bins size from 30 to 300.



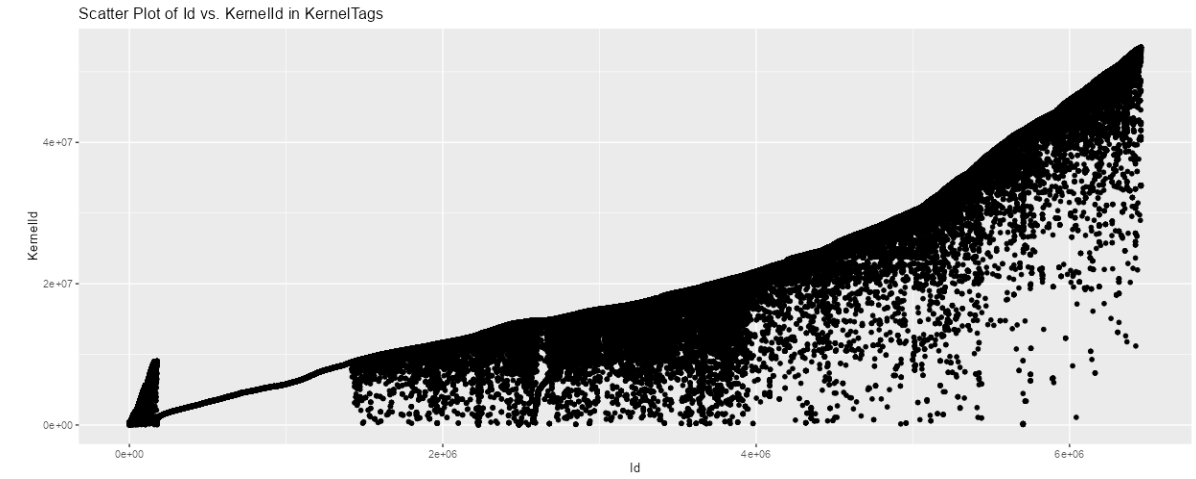
We plotted a bar plot for the same.



We plotted a line plot for the same.



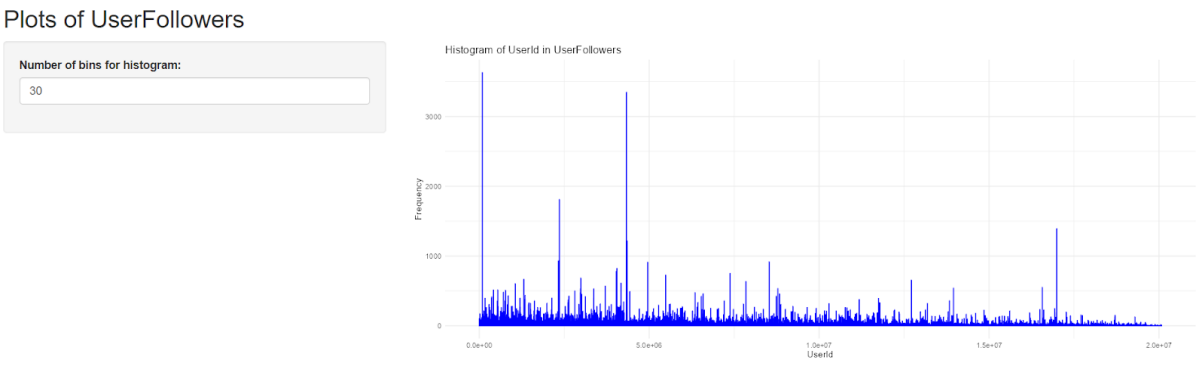
We plotted a Scatter plot between two features as Id and KernelId.



For UserFollowers Dataset:

Using UserFollowers Dataset, this dataset have four features as Id, UserId, FollowingUserId, CreationDate

We plotted a histogram between frequency and UserId.



We also plotted a scatter plot between two features as Id and FollowingUserId.