**Assignment – 3**

Last date: 31st March 2018 (Saturday)

Download the pdf version of the book India after Gandhi (if not available, pick any book and provide the link for the same) and create a R shiny dashboard with following visuals and deploy the same in shiny servers under your account. Along with the code, also submit your R shiny dashboard link.

1. Apply topic modelling and identify the top 5 words for each topic and visualize the same using bar charts. The number of topic by default should be 5.
2. In a separate tab, plot a bar chart displaying number of pages under each topic.
3. Also, in the same tab, plot another bar chart displaying number of document under each cluster which is identified using K-Means clustering
4. In the side bar, provide option to the user to change the number of topics using a slide bar. Maximum number of topics should be. Make sure that the charts in all the tabs are getting updated as the user changes the number of topics.