

## Homework #1. Bar plots and pie charts

Please submit your **codes** and **reports** via LMS until 11.12.1403

1. Consider the small dataset of figure 3.3 of the book. Change the dataset to contain ratio for each news source, then multiply it by 100 to change it to percent.
  - a. Try to plot the results using pie chart.
  - b. Is this pie chart different from the pie chart of figure 3.8? Why?
2. Consider the small dataset of figure 3.8 of the book. Use bar plots to show this dataset.