Activity 1.2 - Charts

Data used - obama-approval-records

Task accomplished:

1 bar chart, 1 stacked bar chart, 1 pie chart, and 1 donut with R### DSC 640 - Assignment 1.2 - Charts

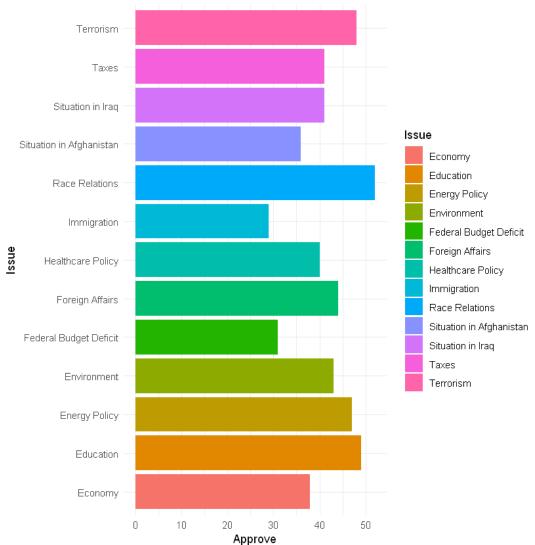
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In [36]: # Import required packages
library('magrittr')
```

In [37]: # Import data to be used for visualization
fileData = ('C:/Users/Sandeep Raina/Desktop/Arti MS/640/Week1/obama-appro
obama = xlsx::read.xlsx(fileData, sheetIndex = 1, stringsAsFactors = FALS
obama

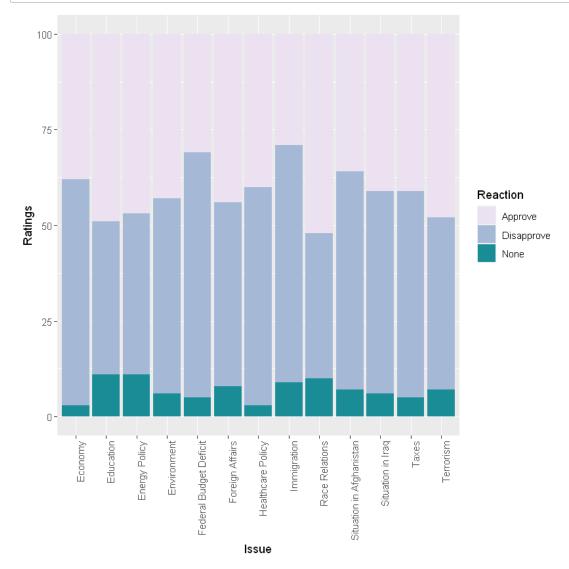
Issue	Approve	Disapprove	None
Race Relations	52	38	10
Education	49	40	11
Terrorism	48	45	7
Energy Policy	47	42	11
Foreign Affairs	44	48	8
Environment	43	51	6
Situation in Iraq	41	53	6
Taxes	41	54	5
Healthcare Policy	40	57	3
Economy	38	59	3
Situation in Afghanistan	36	57	7
Federal Budget Deficit	31	64	5
Immigration	29	62	9

Bar chart

Using bar chart, i am chosing to visualize approval rates for each issue



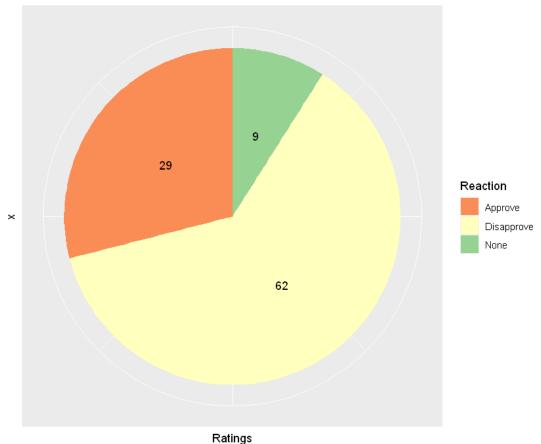
Stacked Bar Chart For this, I will plot each issue with their respective Approval, Disapproval and None counts. This will generate a 100% stacked bar chart for each issue, so that the reactions are rightfully captured.



Pie Chart

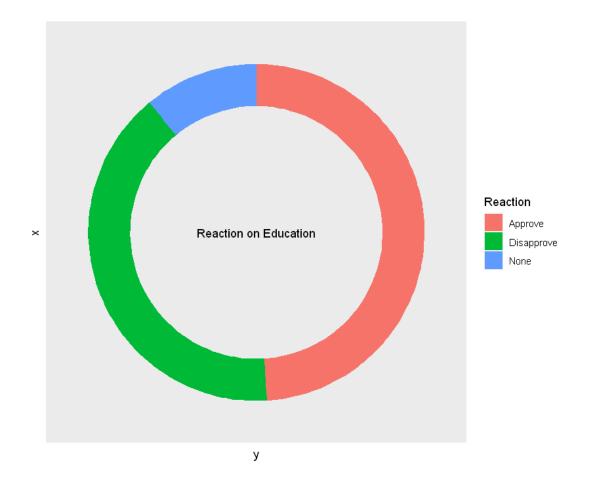
For pie chart demonstration, I would like to pick the Immigration issue and plot the different ratings in a pie.

Reaction on Immigration Issue in Obama Period



Donut Chart

For donut chart demonstration, I would like to pick the Education issue and plot the different ratings in the shape of a ring/donut.



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In []: M
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