

## Review

- The difference between text files and other binary formatted files
- Using `loadStrings()` and `split()` to load and convert data from text files
- `selectInput()` to interactively select a file
- Removing spaces from a String

Jer Thorp. Artist/Educator - NYU

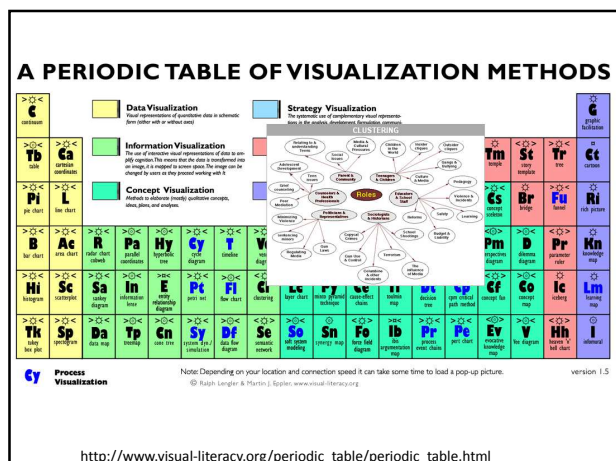
225 "random" numbers chosen and tweeted by 225 people

19	42	42	87	81	99	33	98	61	47	24	66
69	23	67	67	57	71	5	79	57	46	93	54
43	32	18	42	77	37	37	6	93	55	55	77
15	88	42	55	77	42	93	3	17	26	64	65
23	21	9	7	23	17	14	42	45	27	97	83
89	4	4	26	6	39	97	72	35	6	66	
19	2	72	81	37	47	66	17	12	52	74	
54	61	43	19	57	17	77	47	26	72	64	
69	99	64	88	67	1	36	2	60	27	73	
4	43	97	67	42	37	27	1	75	15	17	
13	59	32	78	40	15	64	77	11	1	17	
37	13	7	26	57	25	12	69	8	84	23	
66	42	14	33	17	97	25	57	1	81	97	
8	18	78	12	95	37	84	86	41	56	73	
78	60	21	39	28	17	83	69	12	74	37	
67	19	19	88	96	69	29	74	53	33	72	
32	81	72	72	73	39	52	97	77	77	41	
76	17	69	83	67	64	25	35	42	4	76	
13	36	2	37	52	47	43	25	66	7	6	
87	94	16	28	20	79	23	21	55	66	87	

<http://blog.blprnt.com/blog/blprnt/your-random-numbers-getting-started-with-processing-and-data-visualization>

## Examples

- wordCount
- wordFreqVis
- BoxOffice
- BoxOffice2
- BoxOffice3
- PieSlice
- PieChart
- PieChart2
- PieChart3
- USMap
- USMap2
- RandomTweets1
- RandomTweets2
- BarTweets1
- BarTweets2
- BarTweets3
- GridTweets1
- GridTweets2
- numberVis



## Data Sources

<http://www.data.gov/>  
<http://archive.ics.uci.edu/ml/>  
<http://opendata.socrata.com/>  
<http://www.reddit.com/r/datasets>

## Data Source Lists

<http://www.quora.com/Data/Where-can-I-get-large-datasets-open-to-the-public>  
<http://www.readwriteweb.com/archives/where-to-find-open-data-on-the.php>

## Ideas for Visualizations

[http://www.visual-literacy.org/periodic\\_table/periodic\\_table.html](http://www.visual-literacy.org/periodic_table/periodic_table.html)

## GapMinder

<http://www.gapminder.org>  
<http://www.gapminder.org/videos/hans-rosling-on-cnn-us-in-a-converging-world/>

Hans Rosling  
 Karolinska Institutet  
 Stockholm, Sweden