ASSIGNMENT 1

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EPPS 6356: Data Visulization

ANSCOMBE

Filter

	x1	x2	x3	x4	y1	y2	y3	y4
1	10	10	10	8	8.04	9.14	7.46	6.58
2	8	8	8	8	6.95	8.14	6.77	5.76
3	13	13	13	8	7.58	8.74	12.74	7.71
4	9	9	9	8	8.81	8.77	7.11	8.84
5	11	11	11	8	8.33	9.26	7.81	8.47
6	14	14	14	8	9.96	8.10	8.84	7.04
7	6	6	6	8	7.24	6.13	6.08	5.25
8	4	4	4	19	4.26	3.10	5.39	12.50
9	12	12	12	8	10.84	9.13	8.15	5.56
10	7	7	7	8	4.82	7.26	6.42	7.91
11	5	5	5	8	5.68	4.74	5.73	6.89

Showing 1 to 11 of 11 entries, 8 total columns

Console | Background Jobs

R 4.2.3 · ~/DataVis/

```
>
> # Preparing for the plots
> op <- par(mfrow = c(2, 2), mar = 0.1+c(4,4,1,1), oma =  c(0, 0, 2, 0))
>
> # Plot charts using for loop
> for(i in 1:4) {
+   ff[2:3] <- lapply(paste0(c("y","x"), i), as.name)
+   plot(ff, data = anscombe, col = "red", pch = 21, bg = "orange", cex = 1.2,
+        xlim = c(3, 19), ylim = c(3, 13))
+   abline(mods[[i]], col = "blue")
+ }
> mtext("Anscombe's 4 Regression data sets", outer = TRUE, cex = 1.5)
> par(op)
[WARNING] Deprecated: --self-contained. use --embed-resources --standalone
>
```

Import Dataset | 12 MiB | List

R | Global Environment

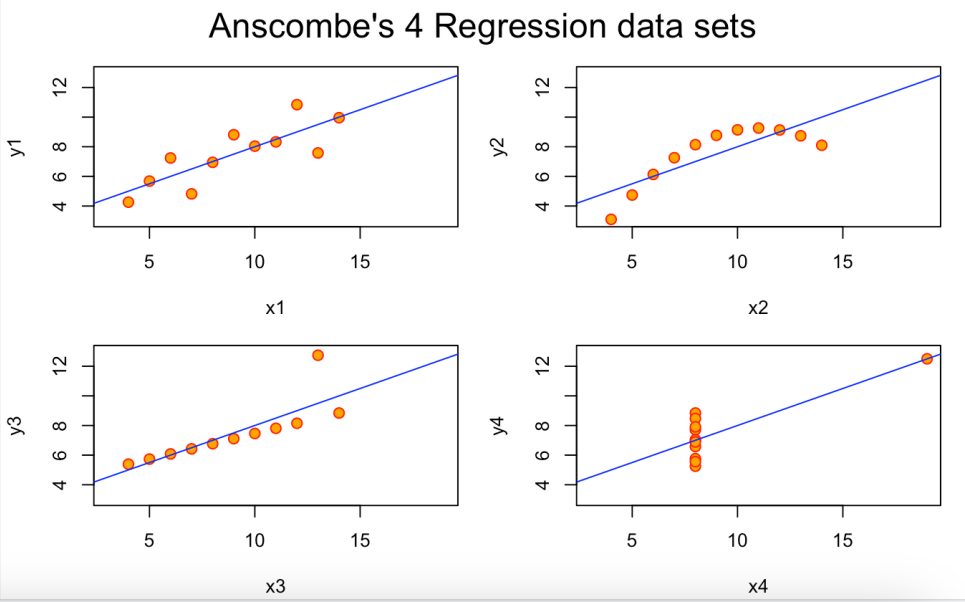
Data

anscombe	11 obs. of 8 variables
lm1	List of 12
lm2	List of 12
lm3	List of 12
lm4	List of 12
lmi	List of 12
mods	List of 4
op	List of 3

Values

Files | Plots | Packages | Help | Viewer | Presentation

Zoom | Export | Publish

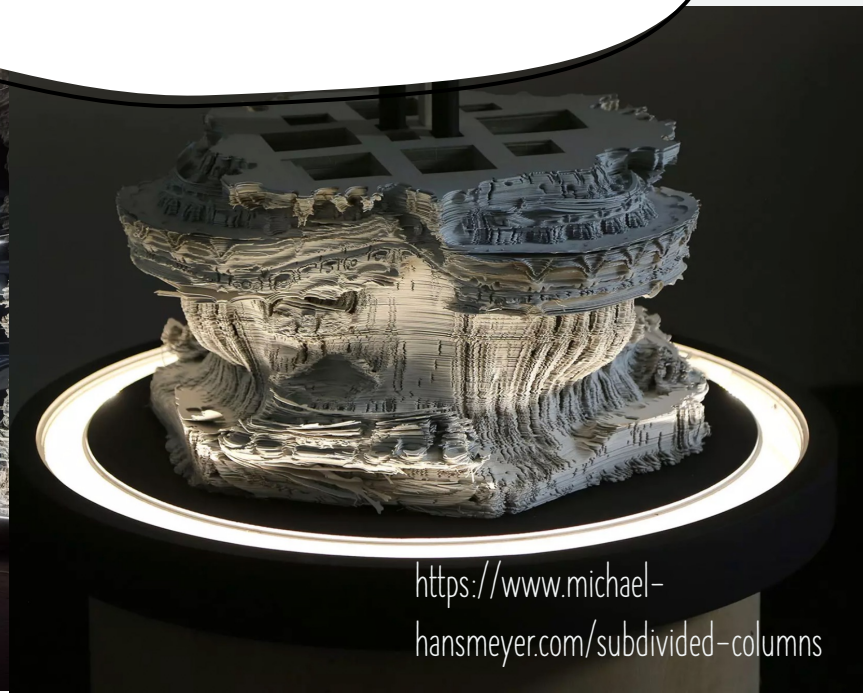


FALL.R

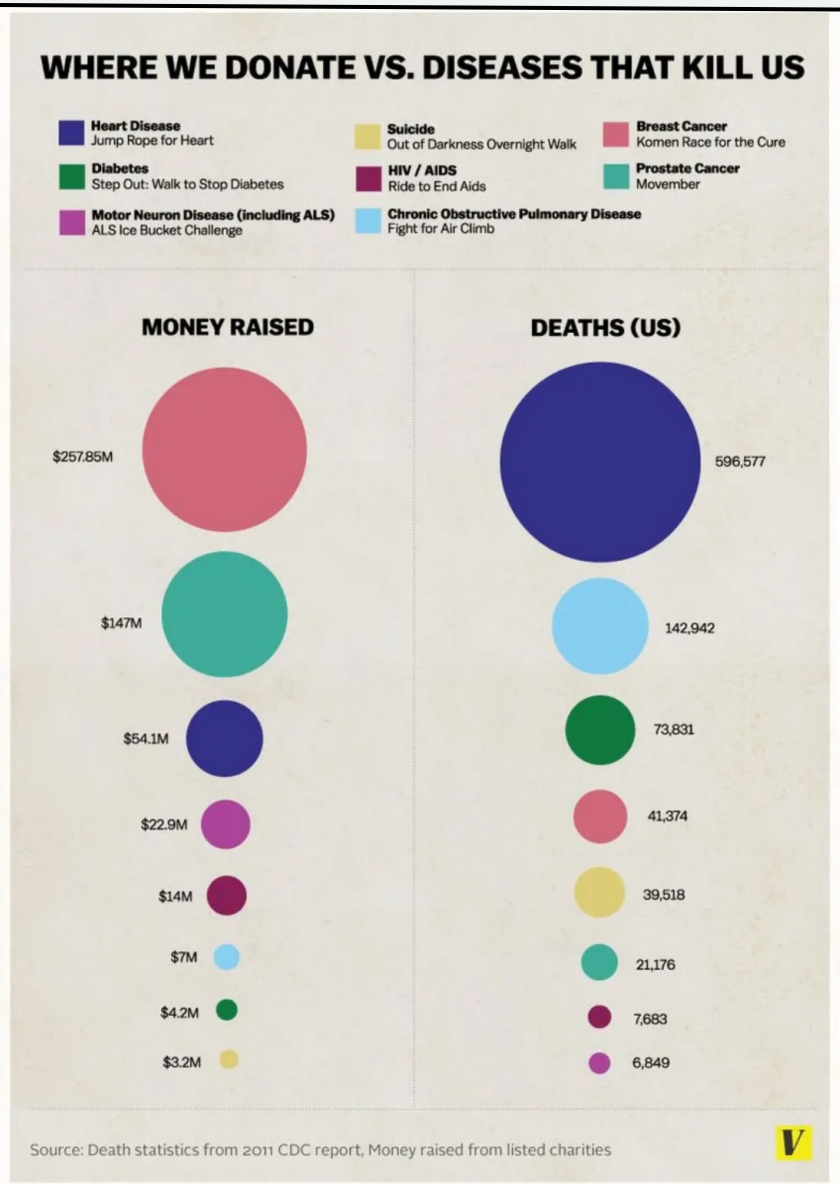
FABRICATION & 3D PRINTING BY MICHAEL HANSMEYER

Generative Art.

For the subdivided columns, the architect effectively designs a process that produces a column, rather than designing a column directly. This process can be run again and again with different parameters to create endless permutations of columns.



https://www.michael-hansmeyer.com/subdivided-columns



CRITIQUE ON CHART

- Each color is associated with a different cause
- Confusing legend on what the circles means from a first glance
- Use of too many colors and the distinctions

The infographic from Vox's article by Julia Belluz.(CDC,2011) - Retrieved from: https://www.vox.com/2014/8/20/6040435/als-ice-bucket-challenge-and-why-we-give-to-charity-donate