In the land of the blind the squinter rules
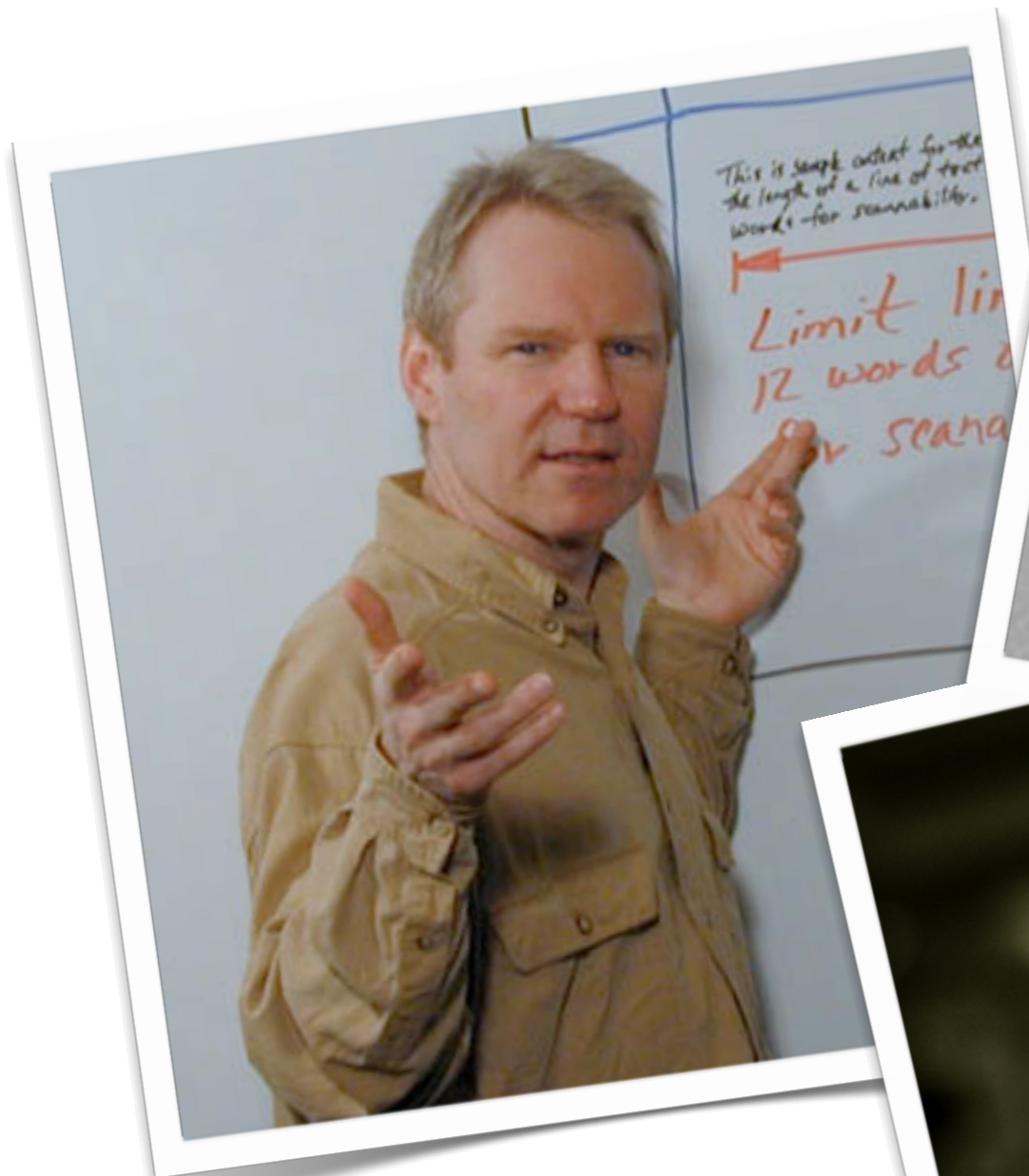
BruCON

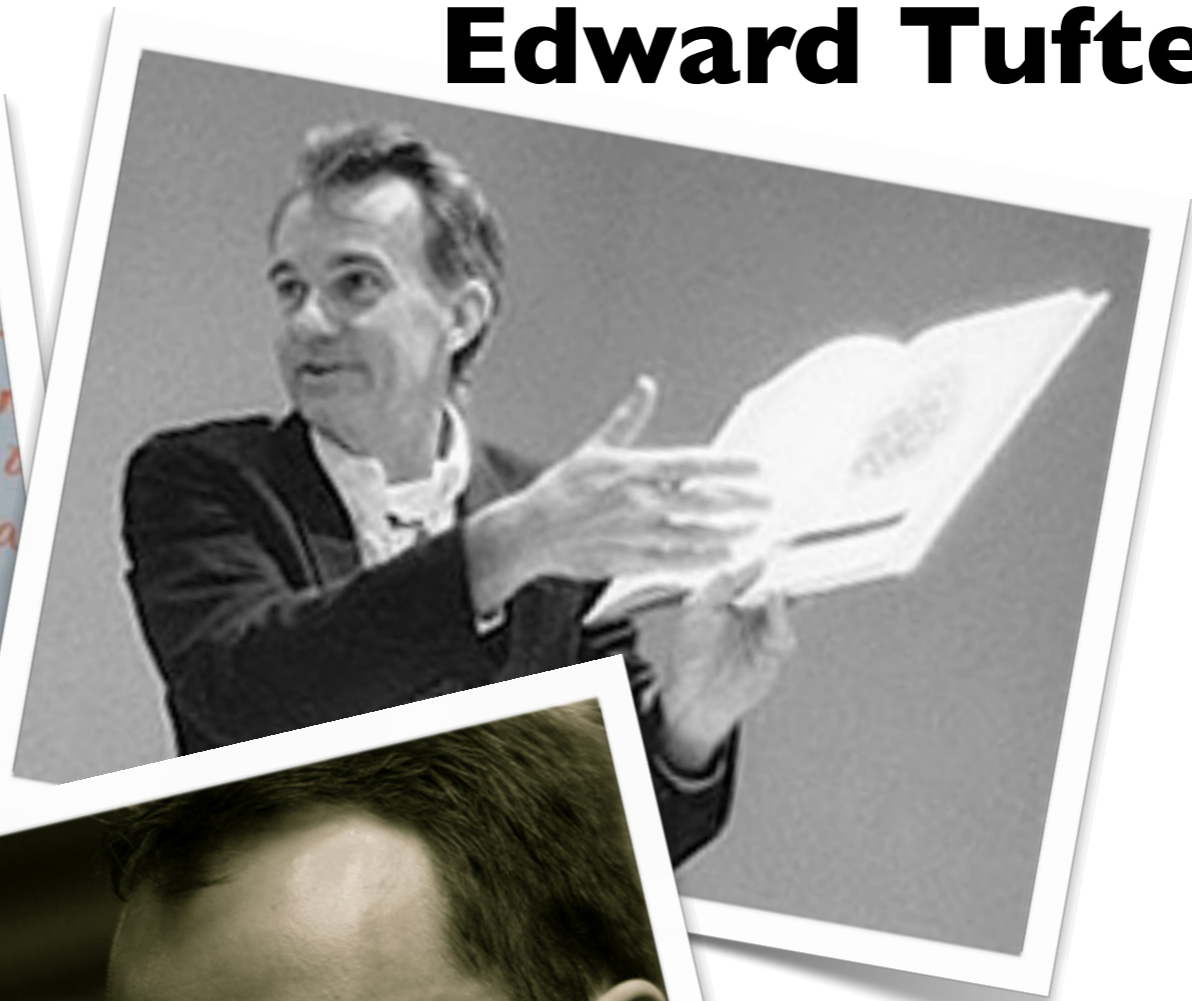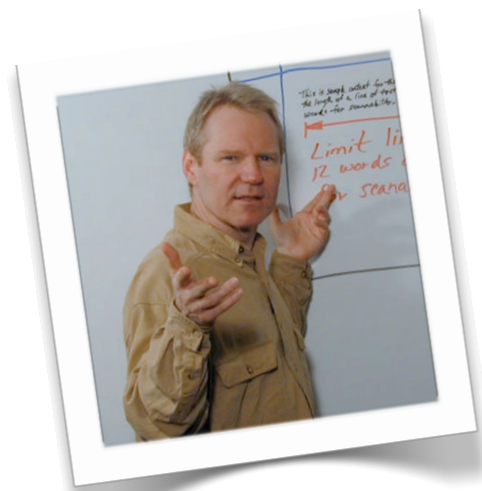**2009** **2010** **2011**

When worlds collide

Edward Tufte

Stephen Few

Raffael Marty

Stephen Few

## 13 mistakes you're no longer allowed to make

1. Exceeding the boundaries of a single screen
2. Supplying inadequate context for the data
3. Displaying excessive detail or precision
4. Choosing a deficient measure
5. Choosing inappropriate display media
6. Introducing meaningless variety
7. Using poorly designed display media
8. Encoding quantitative data inaccurately
9. Arranging the data poorly
10. Highlighting important data ineffectively or not at all
11. Cluttering the display with useless decoration
12. Misusing or overusing color
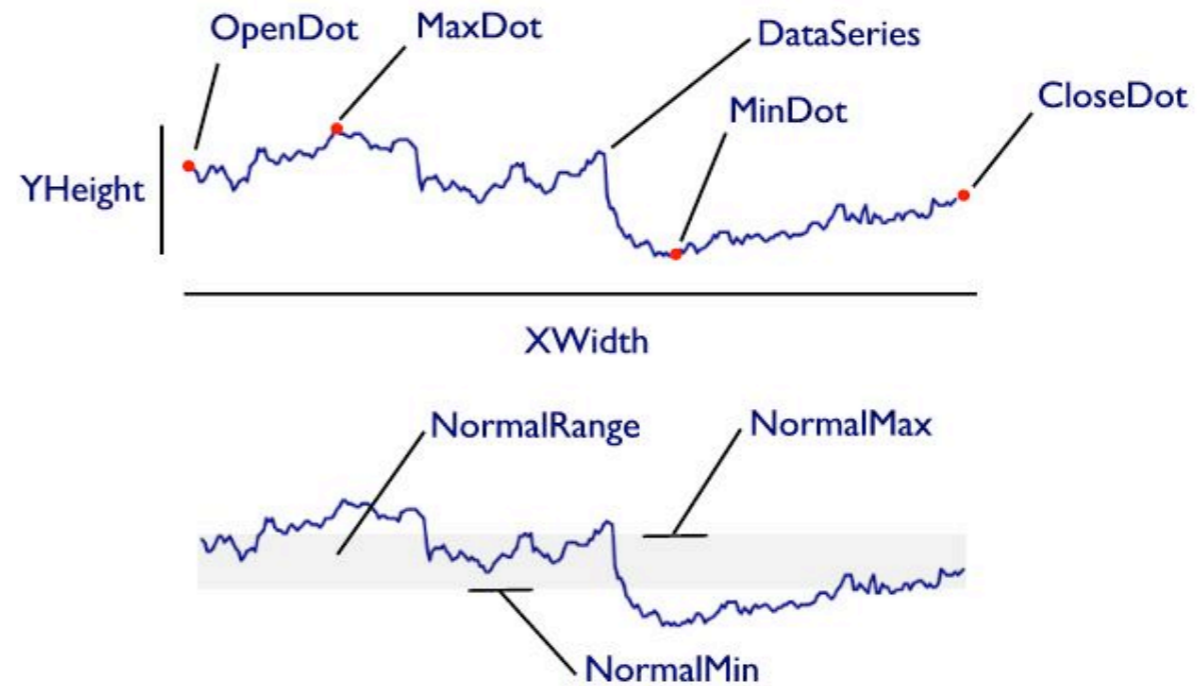13. Designing an unattractive visual display

http://www.perceptualedge.com/blog/

Edward Tufte

*"Data **can** be beautiful, data **should** be beautiful"*
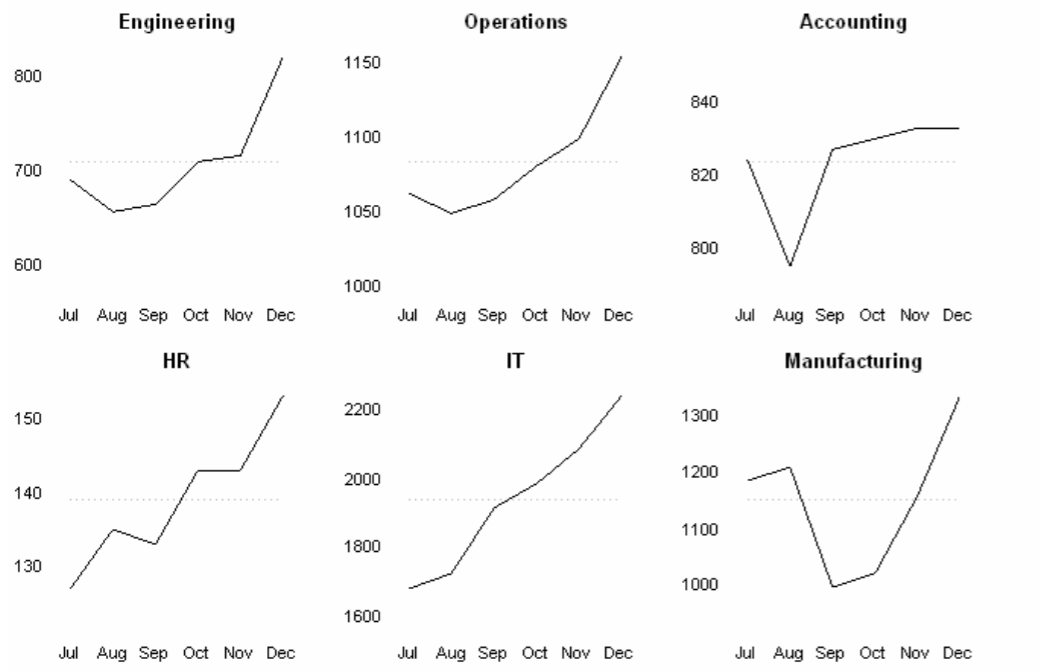
small multiple

Raffael Marty

DAVIX

loggly
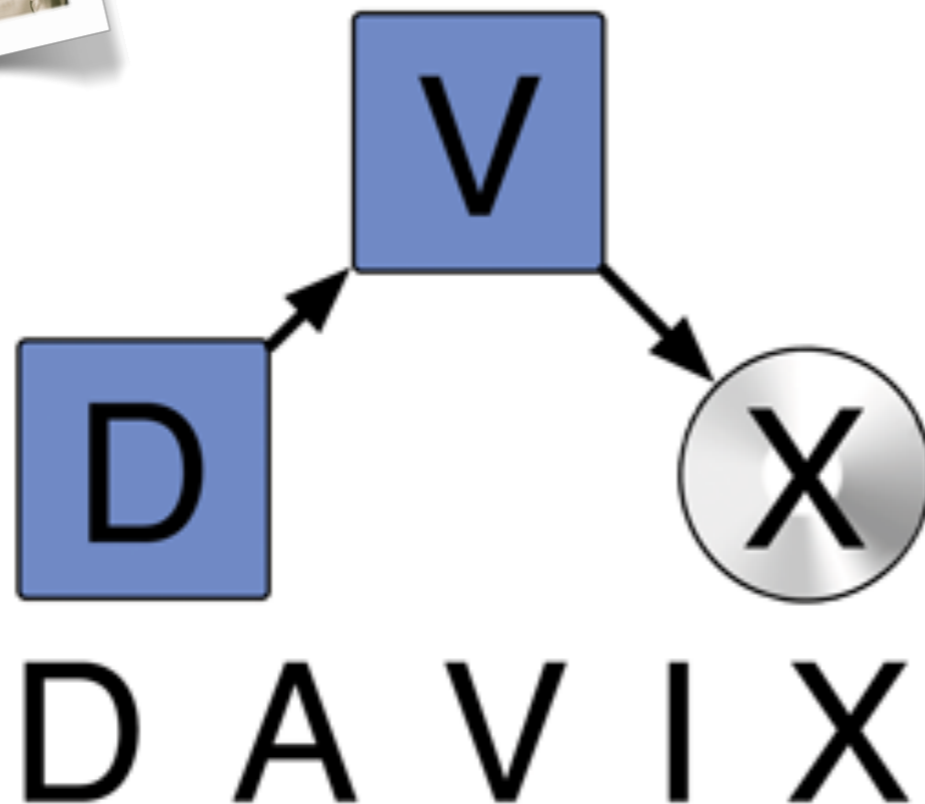
Bar
Pie
Donut
(ok, Doughnut)

73

Area
Cone

Stock

Surface

Line

Scatter

Bubble

For the sizzle ...

Excel ...

http://peltiertech.com/WordPress/excel-chart-types/
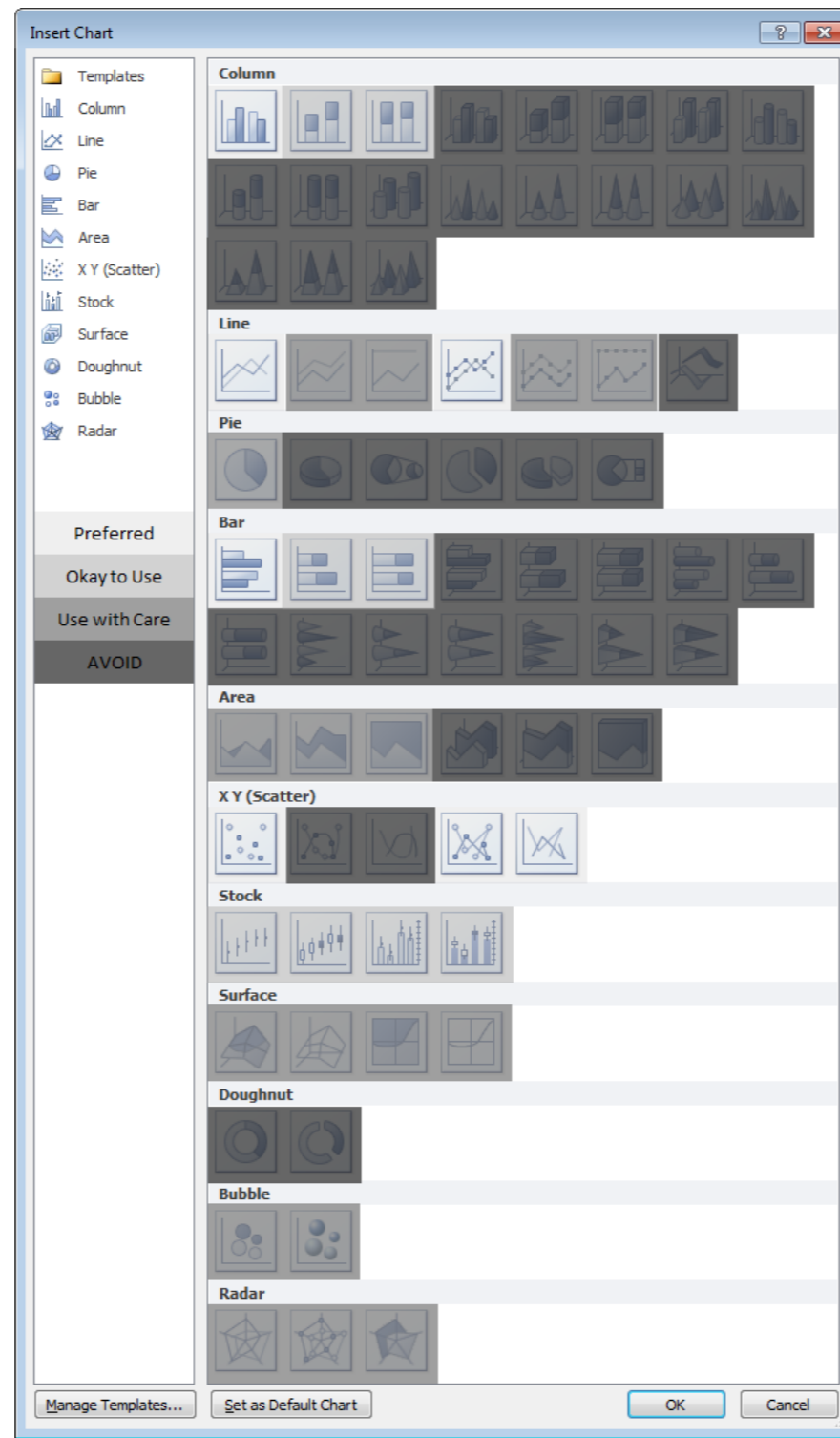
choose your chart wisely
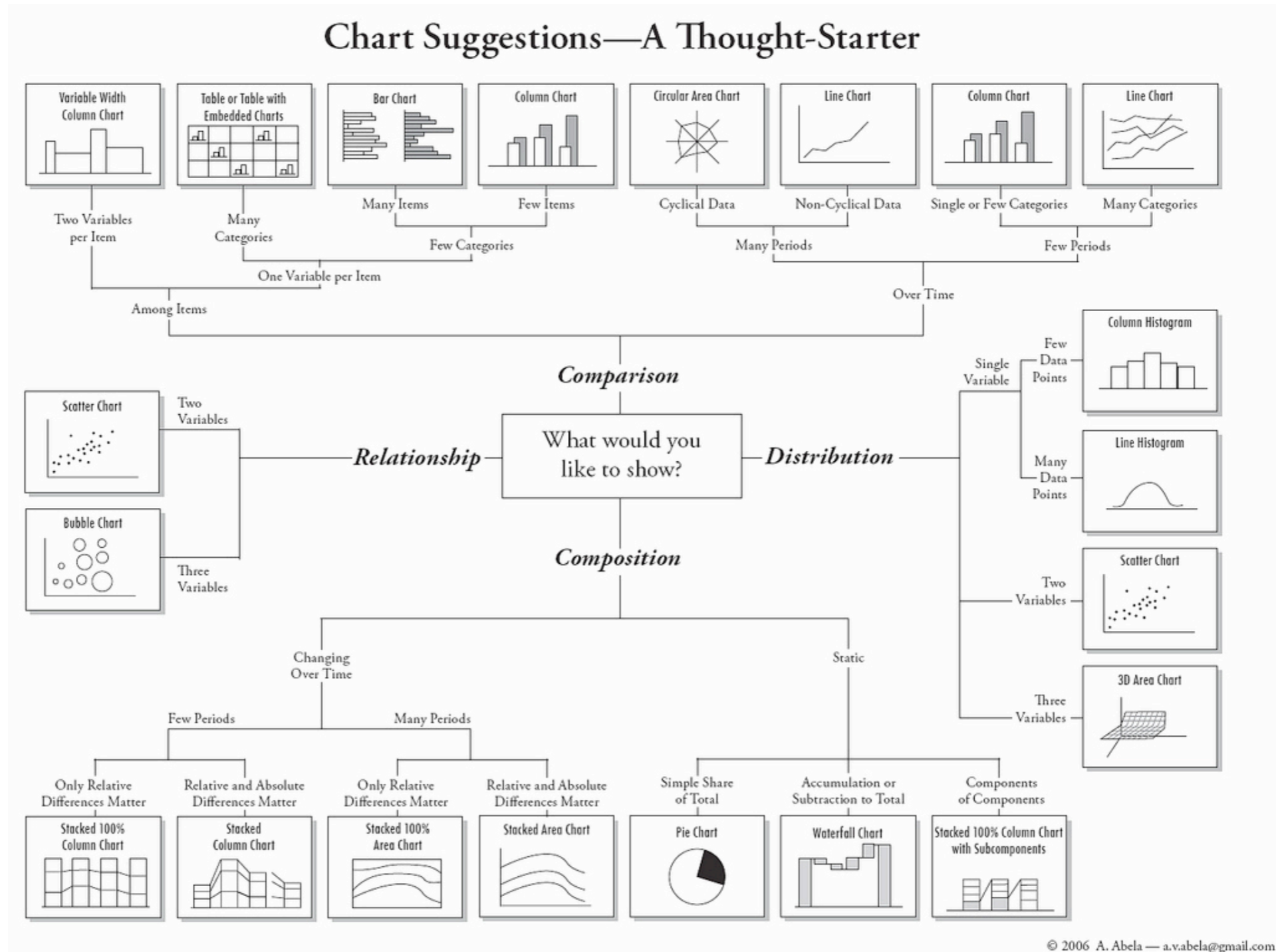
Taking the leap...

Analyzing 'Networks'

Cytoscape

Gephi

Davix l gltail

ruby l real time l logs

http://www.fudgie.org/

http://dataviz.com.au/blog/Visualizing_VOIP_attacks.html
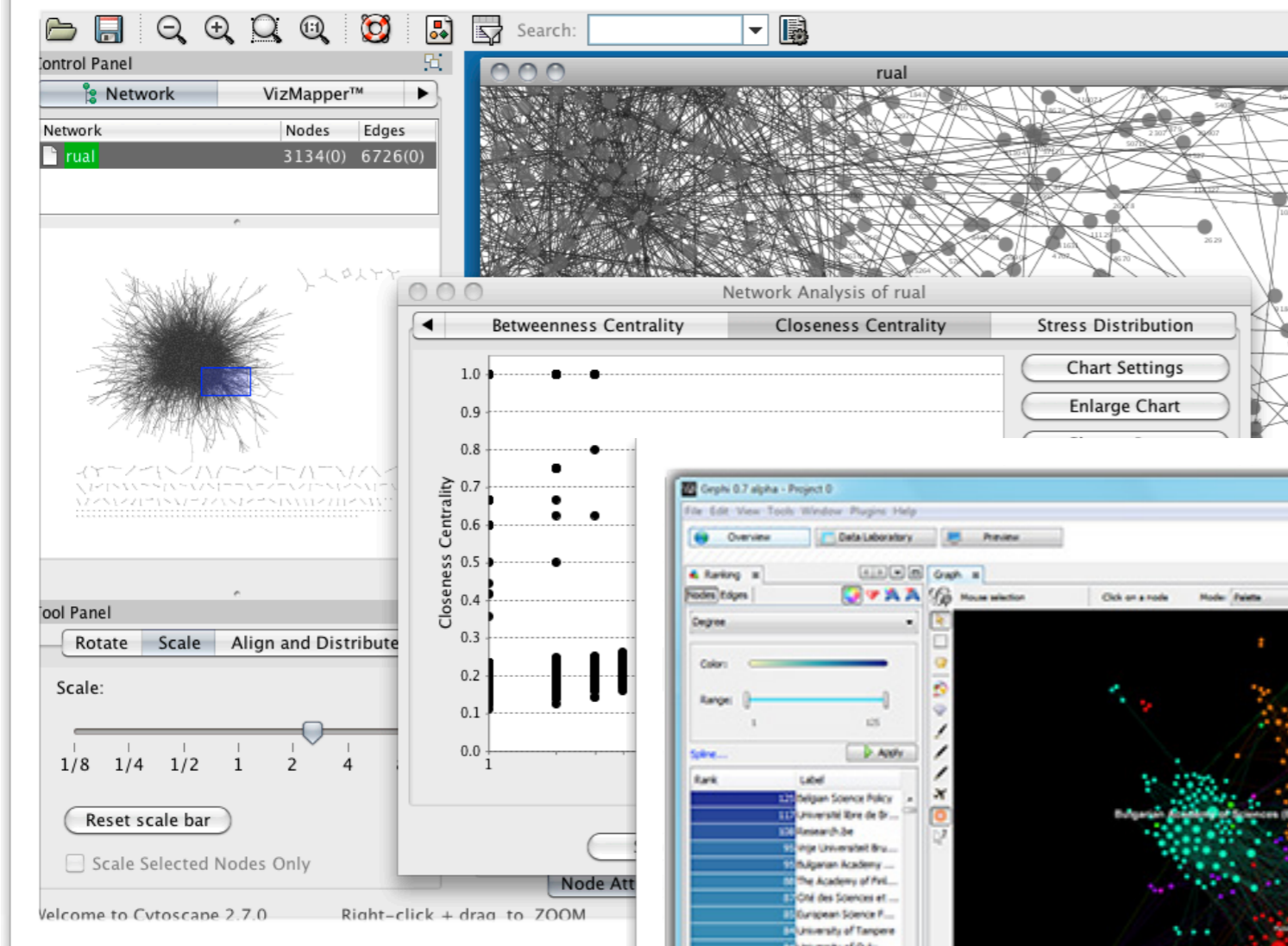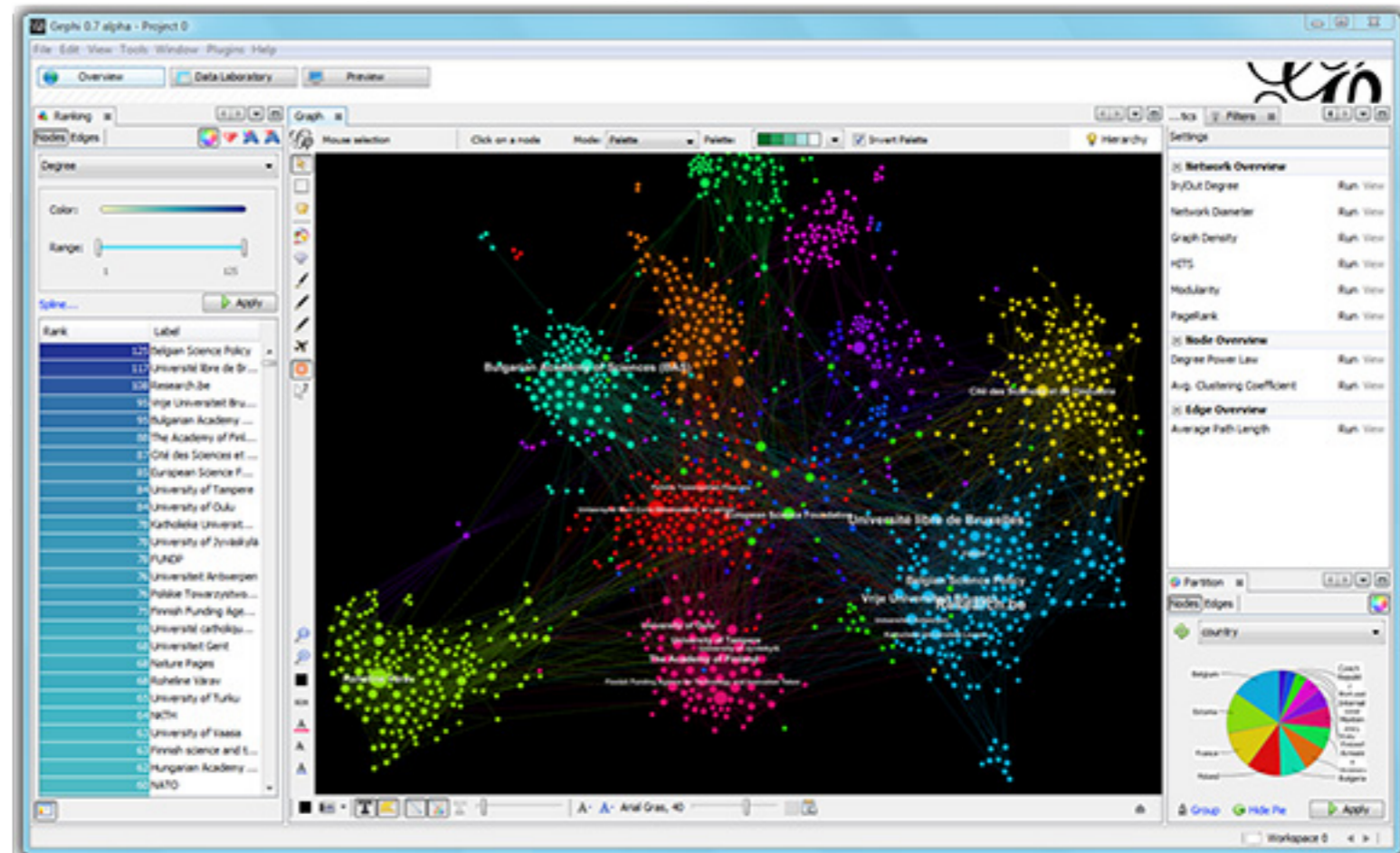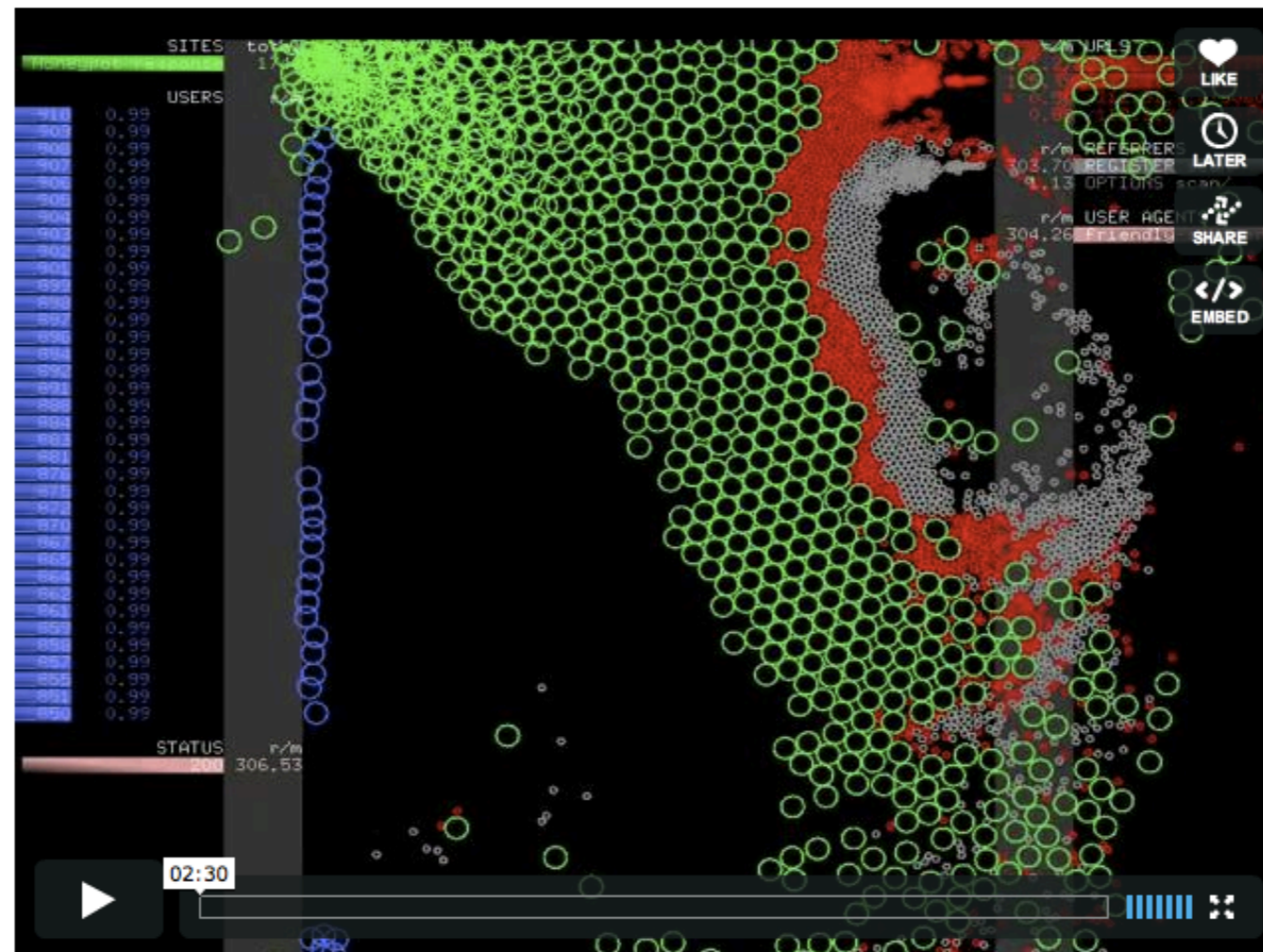
Davix l afterglow
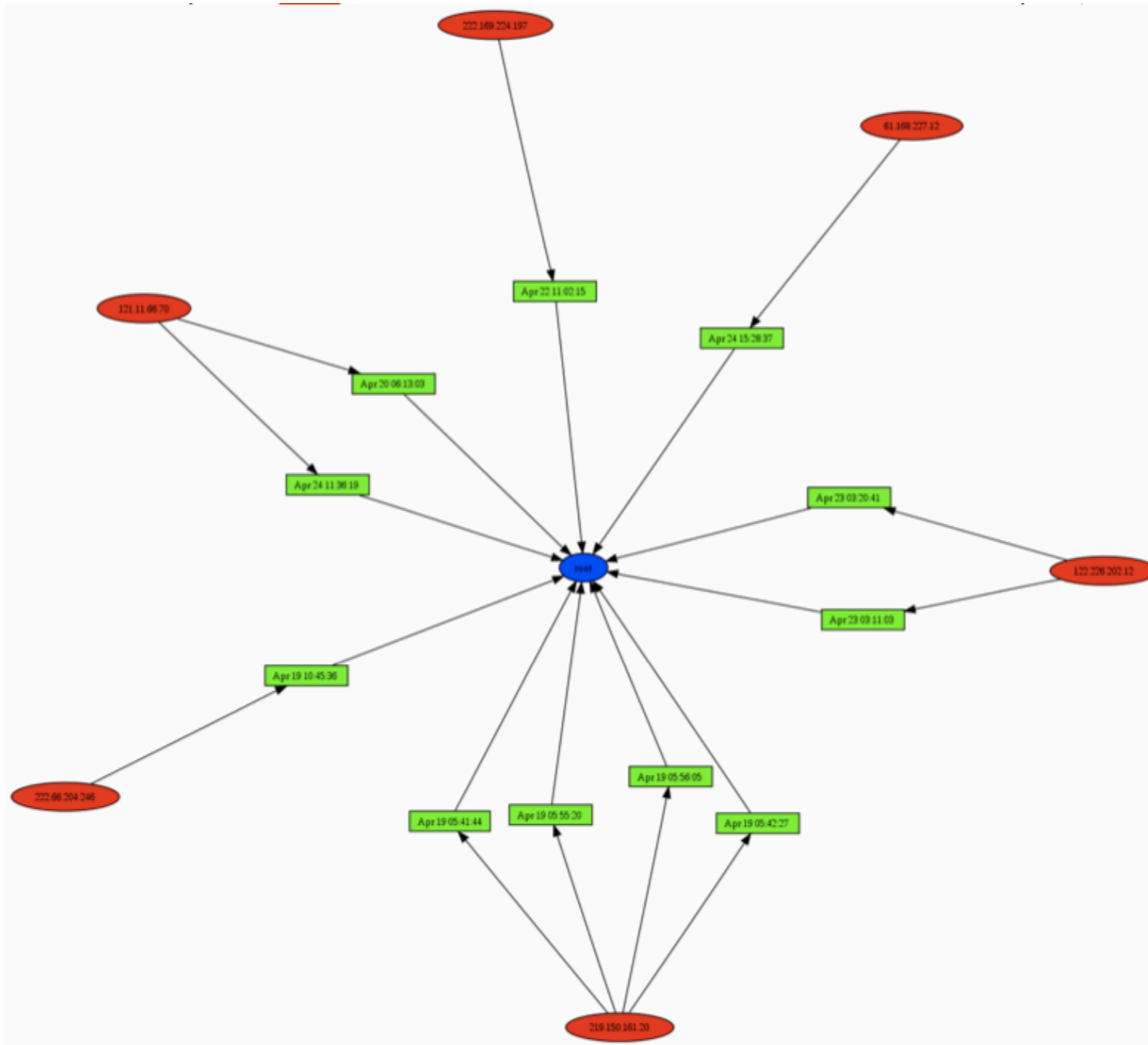
credit: David Bernal Michelena
http://www.honeynet.org/challenges/
2010_5_log_mysteries

(extra)

perl | chart director

http://www.secviz.org/content/top-ssh-brute-force-attackers

Google Charts API

http://code.google.com/apis/chart/

http://search.cpan.org/dist/URI-GoogleChart/

jquery libraries

http://jquery.com/

http://omnipotent.net/jquery.sparkline/
http://www.jqplot.com/
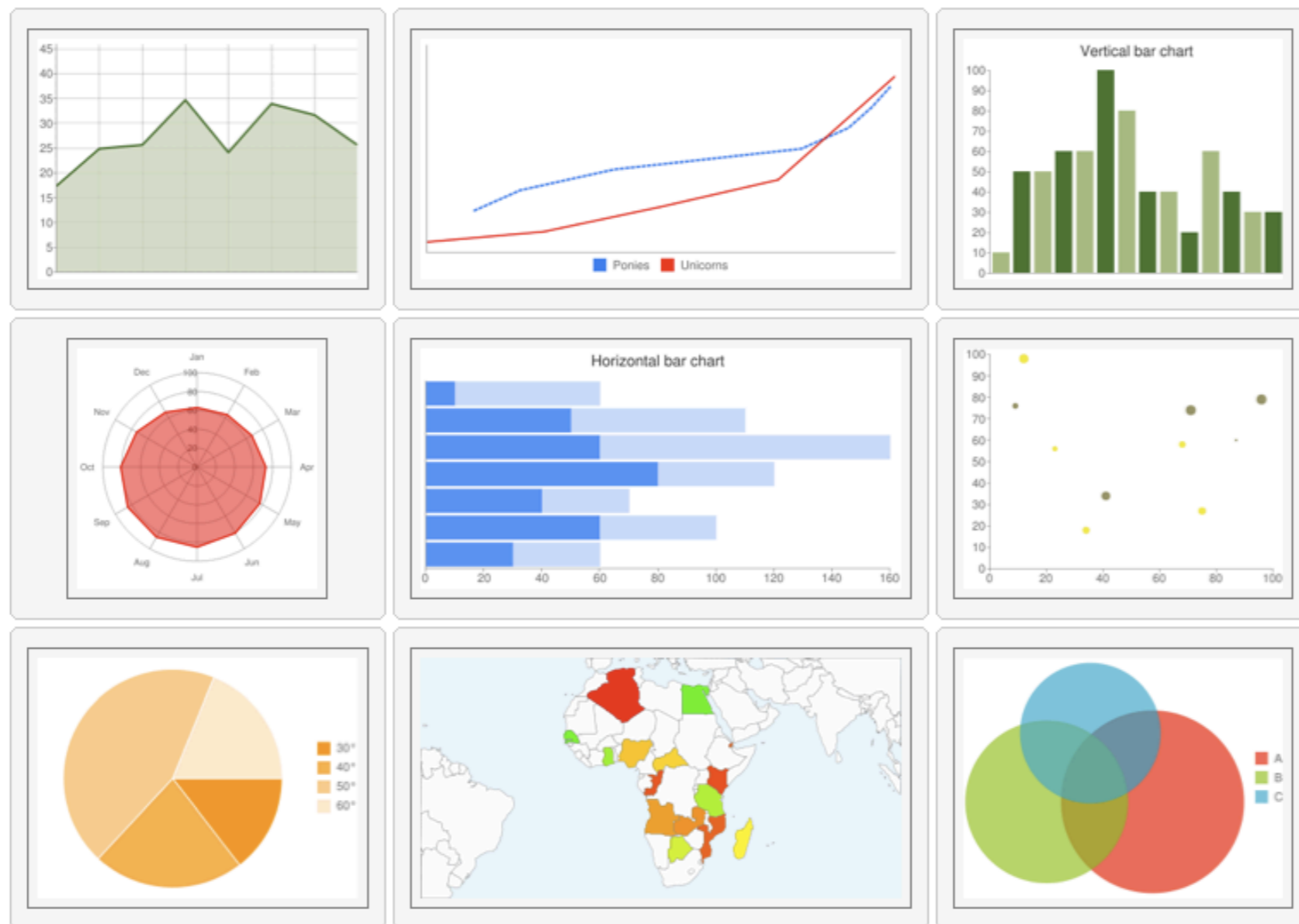
Infographs

HOW LONG ARE YOUR PASSWORDS?
Below shows the most common length of passwords created.

- **2%** 12 characters
- **1%** 13 characters
- **4%** 11 characters
- **4%** 5 characters
- **26%** 6 characters
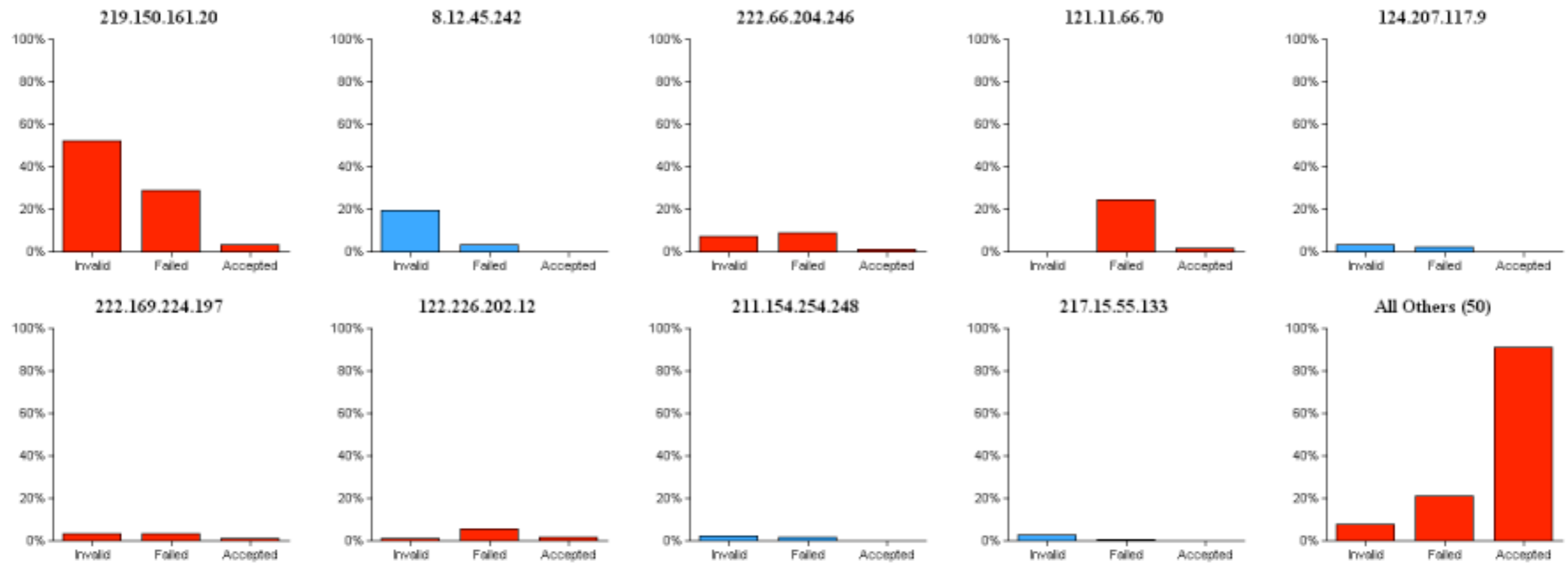- **20%** 8 characters
- **19%** 7 characters
- **12%** 9 characters
- **9%** 10 characters
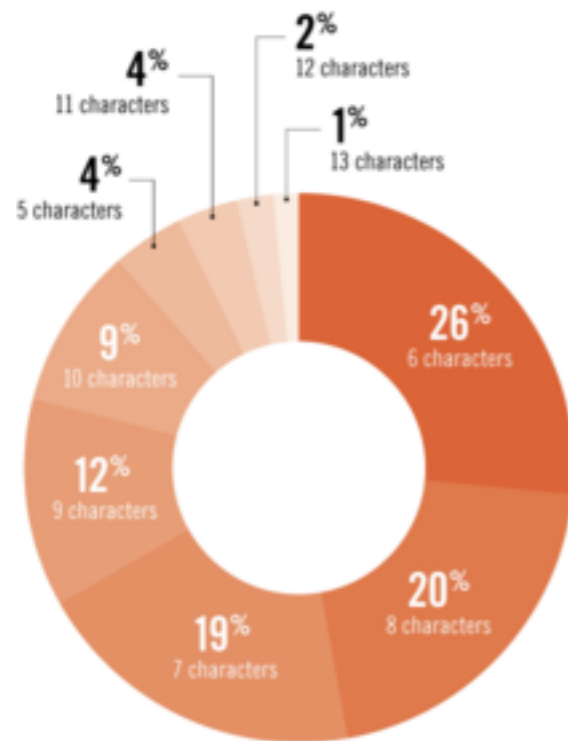
The most common length of passwords created is 6 letters. This falls short of the recommended length for best password protection.

Citing NASA guidelines, it is recommended that all passwords be at least eight characters, and contain a mix of four different types of characters:

UPPER CASE LETTERS
lower case letters
1234567890 (numerals)
!@#$%^&*,;" (special characters)

5 **6** 7 **8** 9 10 11 12 13

SECURING YOURSELF FROM A WORLD OF HACKERS:
How to avoid the most common and dangerous passwords

In a recent survey conducted by ZoneAlarm, 79% of consumers were found to use risky password construction practices, such as using personal information and common words. Here are examples of these in order from the number one most commonly used password of all time.

THE TOP 20 PASSWORDS OF ALL TIME

#	Password	#	Password
1	123456	11	Nicole
2	12345	12	Daniel
3	123456789	13	babygirl
4	Password	14	monkey
5	iloveyou	15	Jessica
6	princess	16	Lovely
7	rockyou	17	michael
8	1234567	18	Ashley
9	12345678	19	654321
10	abc123	20	Qwerty

4% Estimated percentage of consumers who use some variant of the word "password."

25% Proportion of top 20 most commonly used passwords that are first names.

16% Overall percentage of consumers who create passwords using a person's first name.

courtesy of ZoneAlarm (by Checkpoint)

Infographs

http://www.rasmussen.edu/images/blogs/1314798134-top-security-breaches.jpg

Infographs

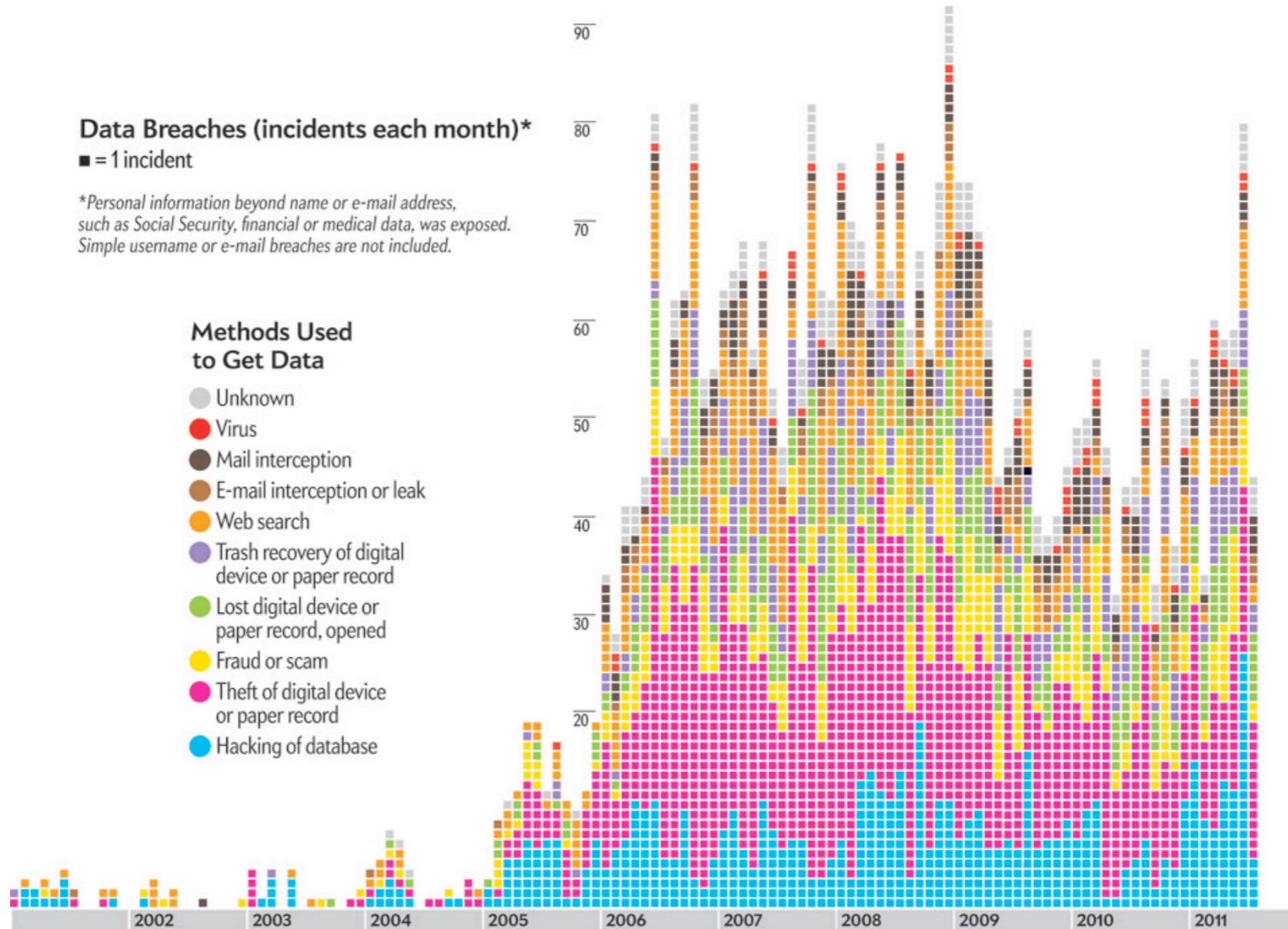http://www.websense.com/assets/pdf/SocialMediaResearch_Infographic_WS.pdf

Infographs

Data Breaches (incidents each month)*

■ = 1 incident

*Personal information beyond name or e-mail address, such as Social Security, financial or medical data, was exposed. Simple username or e-mail breaches are not included.

Methods Used to Get Data

- Unknown
- Virus
- Mail interception
- E-mail interception or leak
- Web search
- Trash recovery of digital device or paper record
- Lost digital device or paper record, opened
- Fraud or scam
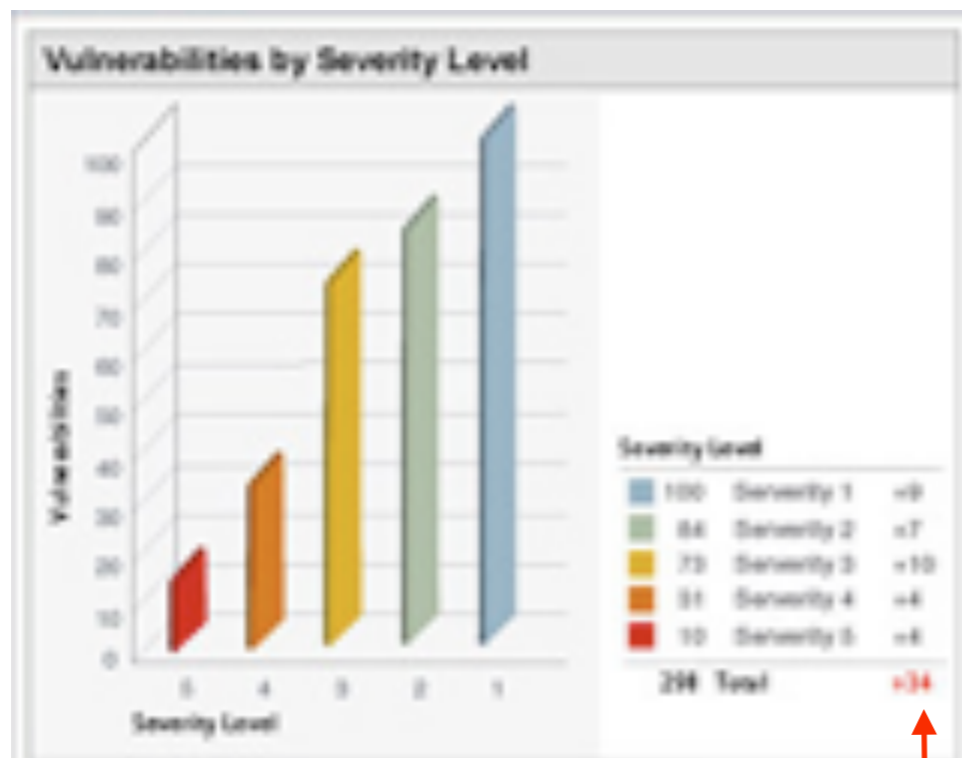- Theft of digital device or paper record
- Hacking of database

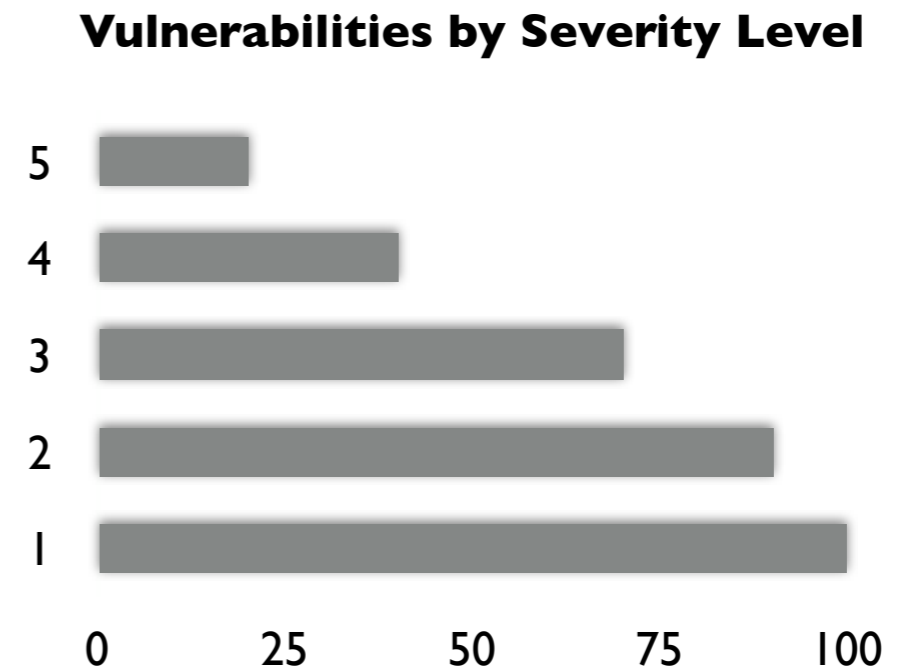**Largest Breaches of All Time (records compromised, date reported)**

TRW	CardSystems Solutions	U.S. Dept. of Veterans Affairs	TJX Companies, Inc.	HM Revenue and Customs	T-Mobile	Heartland Payment Systems	RockYou	Sony Corporation	Sony Corporation
90 million	40 million	27 million	94 million	25 million	17 million	130 million	32 million	77 million	25 million
June 1, 1984	June 19, 2005	May 22, 2006	Jan. 17, 2007	Nov. 20, 2007	Oct. 6, 2008	Jan. 20, 2009	Dec. 14, 2009	April 26, 2011	May 2, 2011

† In July data about some 35 million users on Cyworld and Nate (South Korean sites) were swiped, but the types of data are still being verified.
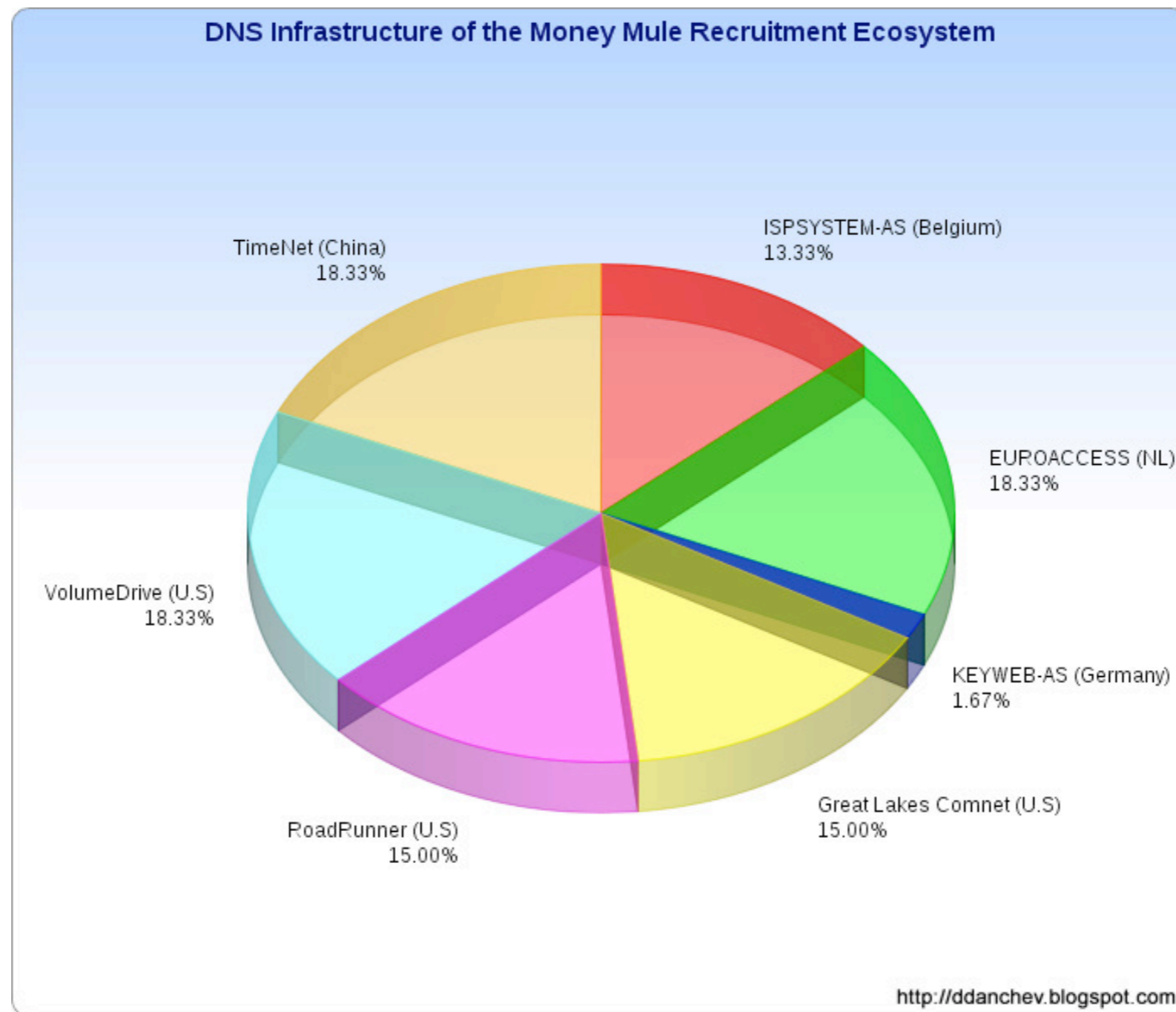
your favorite VM platform

GRC : Sponsored by Crayola (tm)

The dark side has ∏

DNS Infrastructure of the Money Mule Recruitment Ecosystem

TimeNet (China)
18.33%

ISPSYSTEM-AS (Belgium)
13.33%

EUROACCESS (NL)
18.33%

VolumeDrive (U.S)
18.33%

KEYWEB-AS (Germany)
1.67%

Great Lakes Comnet (U.S)
15.00%

RoadRunner (U.S)
15.00%

http://ddanchev.blogspot.com

In other words ...

CN *TimeNet*   US *VolumeDrive*   NL *EuroAccess*   US *RoadRunner*   US *Great Lakes Comnet*   BE *ISPSYSTEM-AS*   *KEYWEB AS*   DE
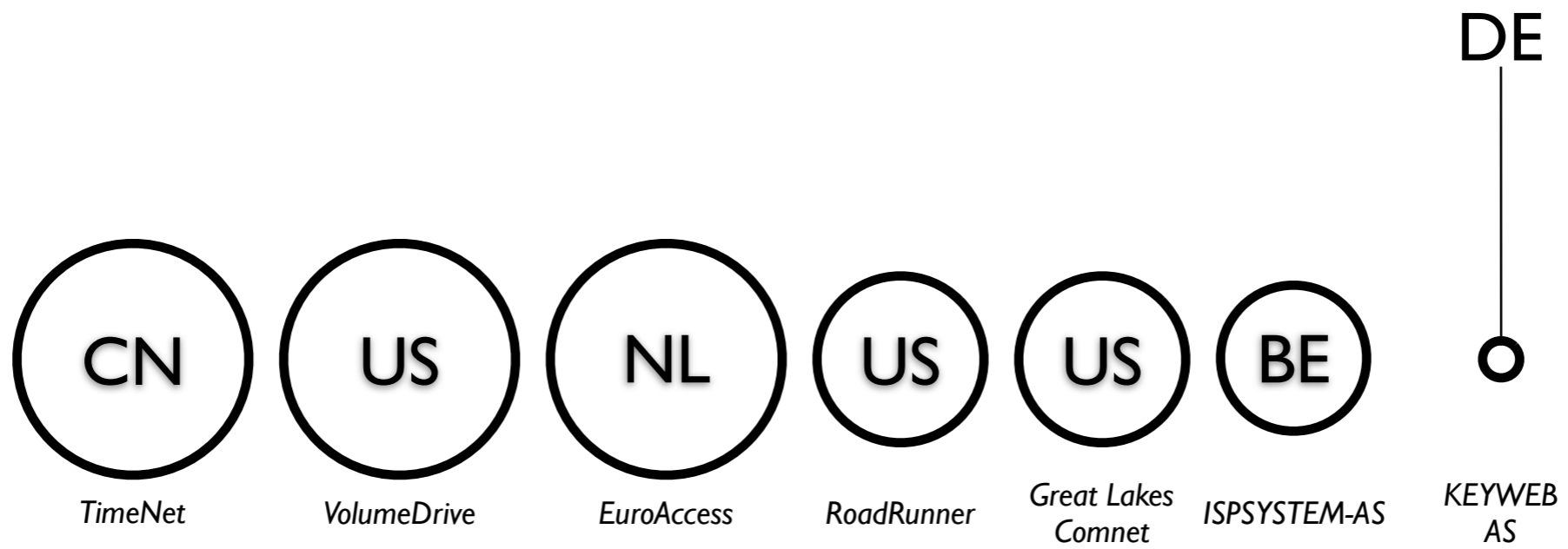
Or if you really want pie ...

Dashboarding 101

Prime real-estate

wremes@gmail.com
http://www.twitter.com/wimremes