Eye-Training for Data Graphics
STAT 184

[This page intentionally left blank.]

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
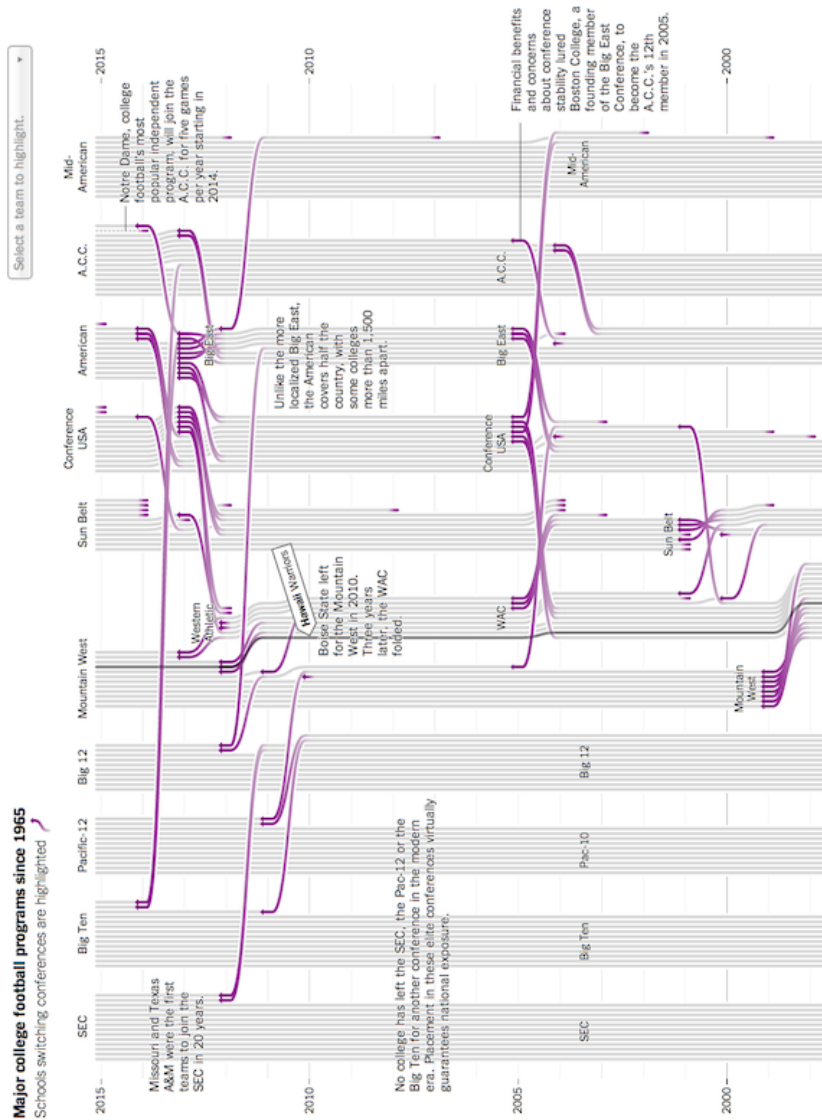6. Which scales are displayed with a guide?

Published: May 7, 2013

At Top Colleges, an Admissions Gap for Minorities
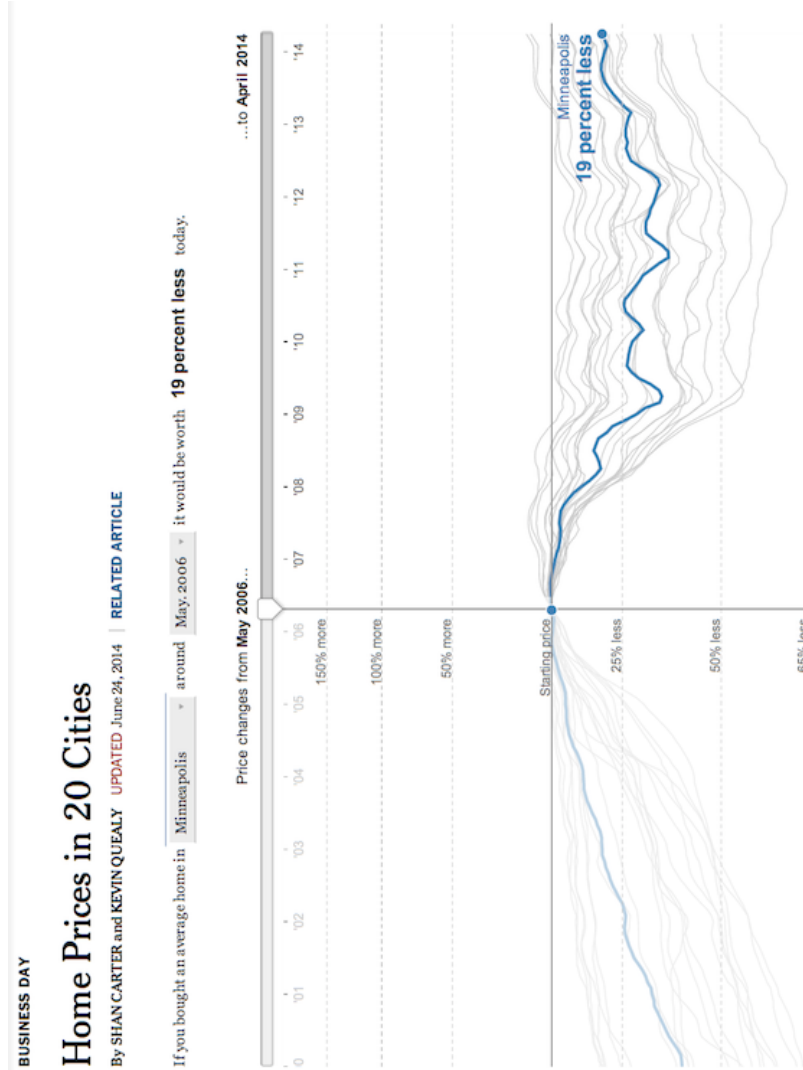
BLACKS
as a percentage of
2011-12 freshmen

● Howard University

Stuck at the bottom

Many more black students attend colleges with low graduation rates, shown in red. While young blacks are almost as likely as young whites to go to college, they are half as likely to have a degree.

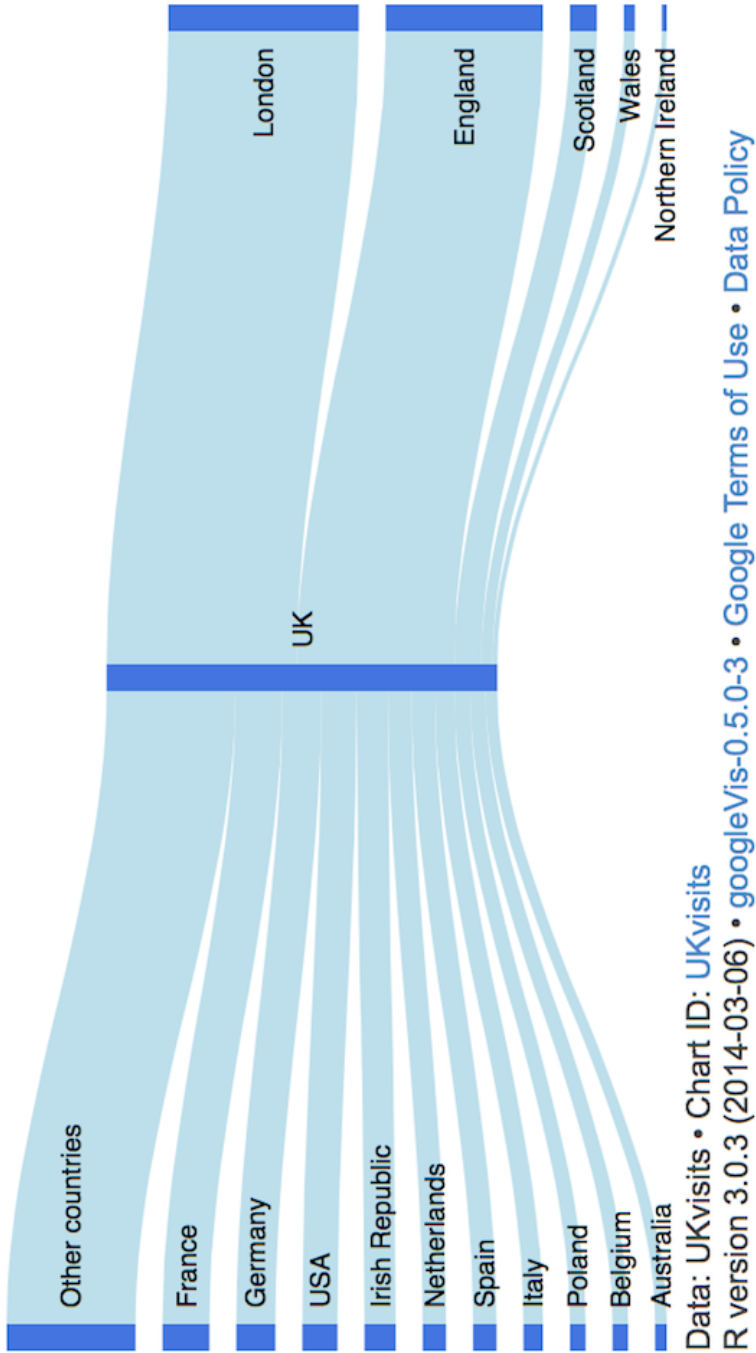1 **2** 3 4   NEXT →

GRADUATION RATE

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

Major college football programs since 1965
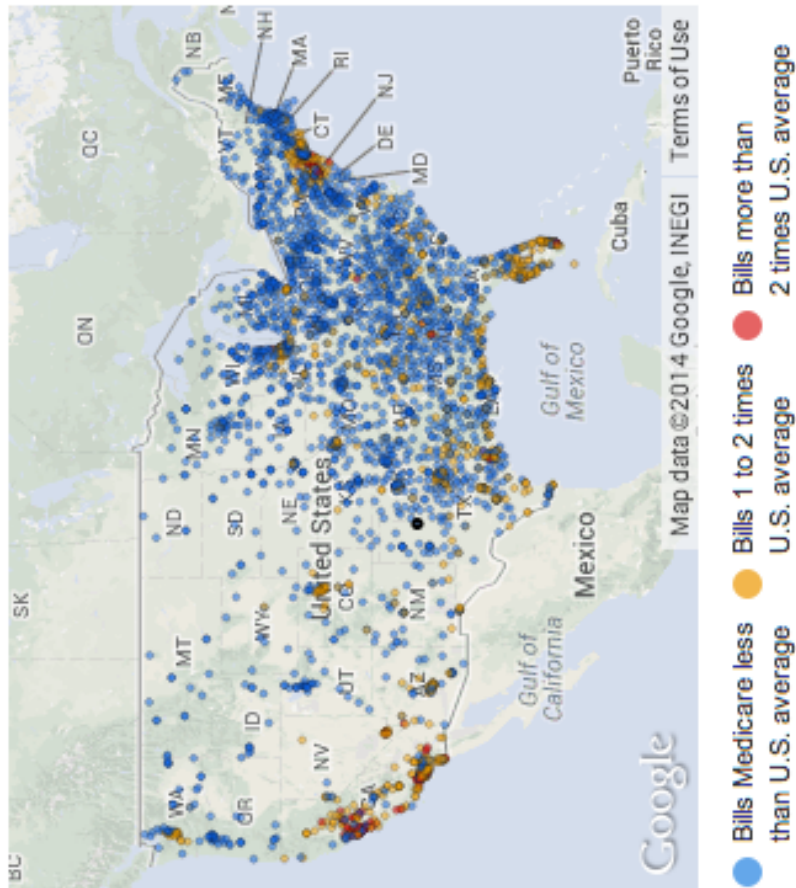Schools switching conferences are highlighted

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

BUSINESS DAY

Home Prices in 20 Cities

By SHAN CARTER and KEVIN QUEALY   UPDATED June 24, 2014 | RELATED ARTICLE

If you bought an average home in Minneapolis ▾ around May, 2006 ▾ it would be worth 19 percent less today.

Price changes from May 2006....   ...to April 2014

150% more

100% more

50% more

Starting price

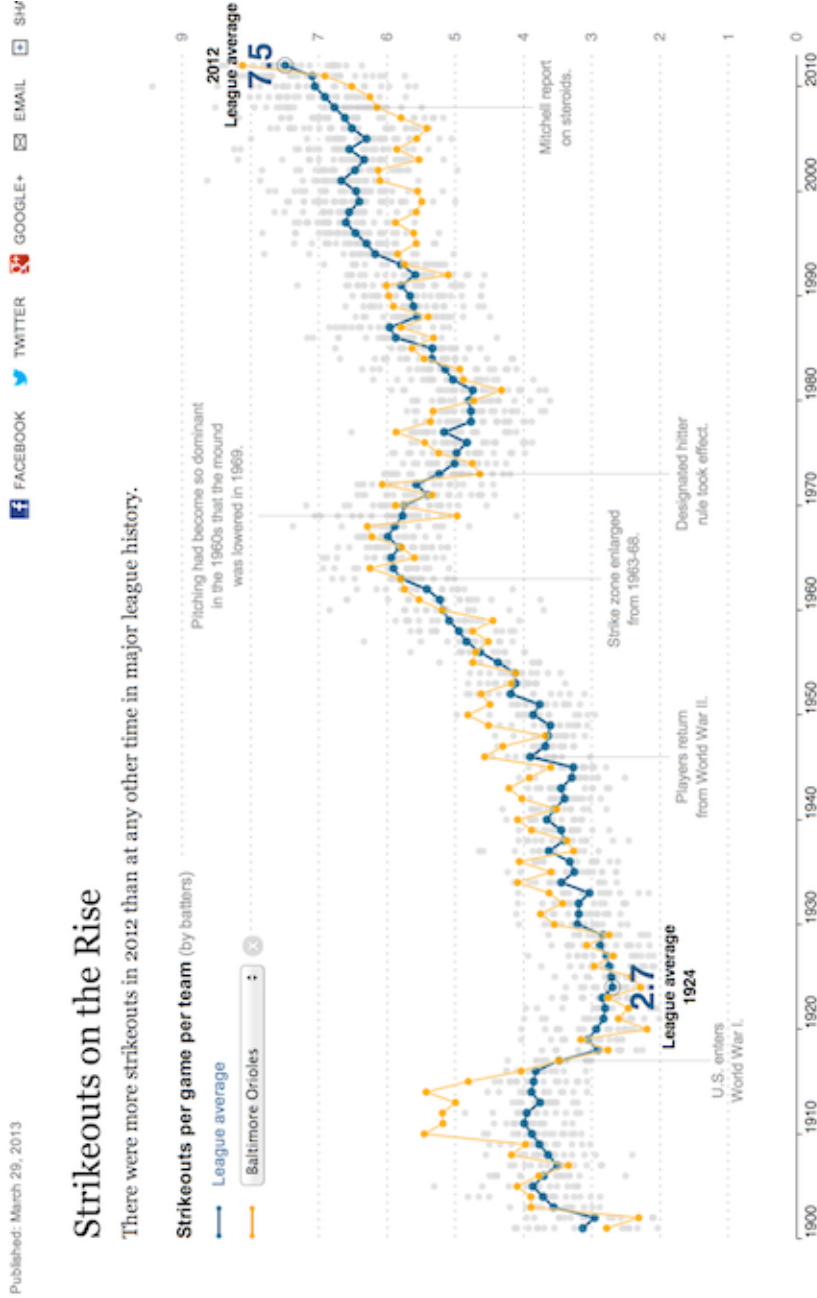25% less

50% less

65% less

Minneapolis
19 percent less

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

Data: UKvisits • Chart ID: UKvisits
R version 3.0.3 (2014-03-06) • googleVis-0.5.0-3 • Google Terms of Use • Data Policy

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

Published: October 9, 2013

FACEBOOK ❤ TWITTER GOOGLE+ ✉ EMAIL ⊞ SHARE

Janet L. Yellen, on the Economy's Twists and Turns

1 2 3 4 5 6 7

NEXT >

Inflation and unemployment

The Federal Reserve is said to have a "dual mandate": keeping inflation in check and the unemployment rate low. These measures, which tend to change cyclically and in concert with each other, are charted for every year since the Great Depression.

In speeches and in meetings, Ms. Yellen, the nominee for the next Fed leader, has commented on the Fed's actions during significant periods, providing a window into her views and priorities.
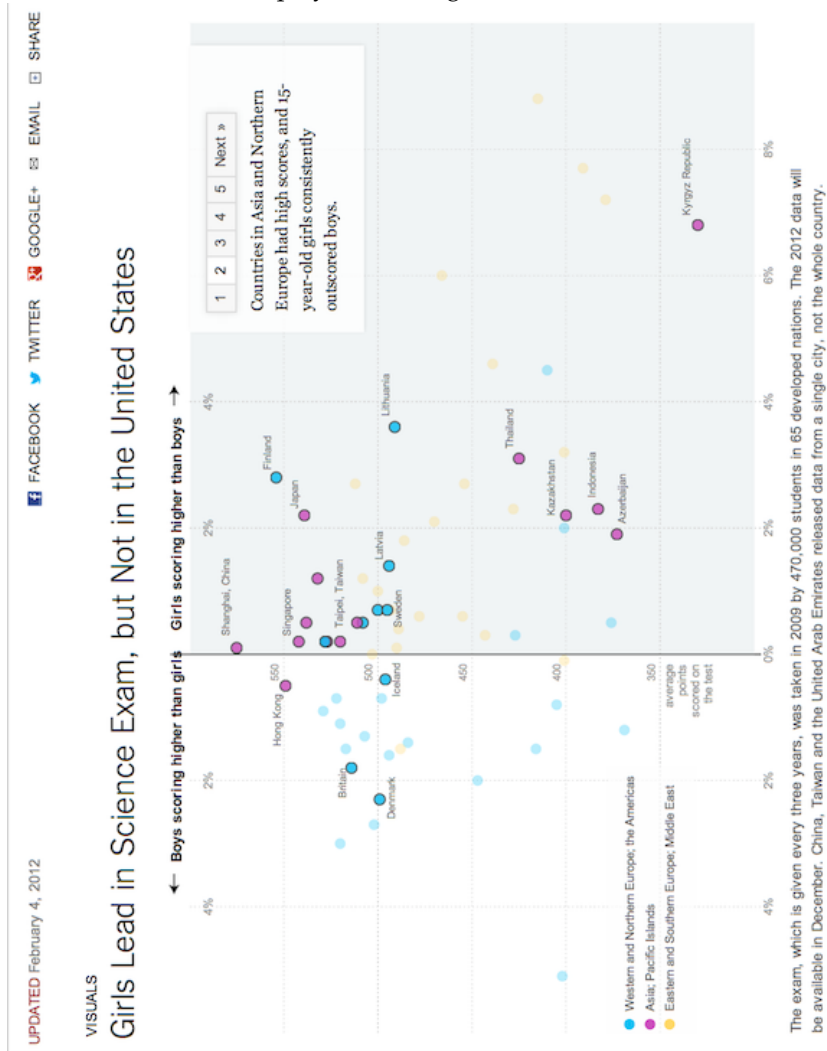
Unemployment rate

Inflation rate

Inflation rises
Late 1960s–70s

Economic boom
1990s

Latest recession
Since 2007

2% CURRENT TARGET

6% CURRENT NATURAL RATE*
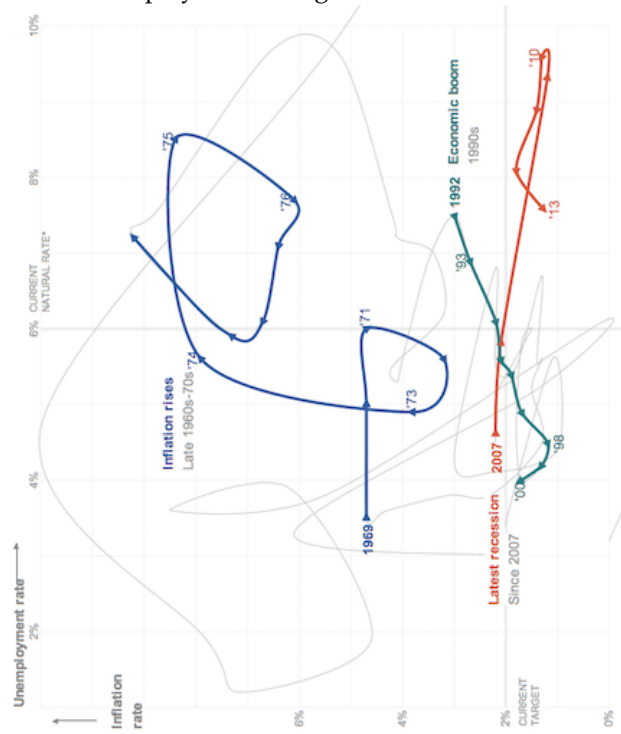
*The natural rate of unemployment is defined as the lowest sustainable level of unemployment over the long term. If the rate is pushed any lower than the natural level, wages and prices would rise.
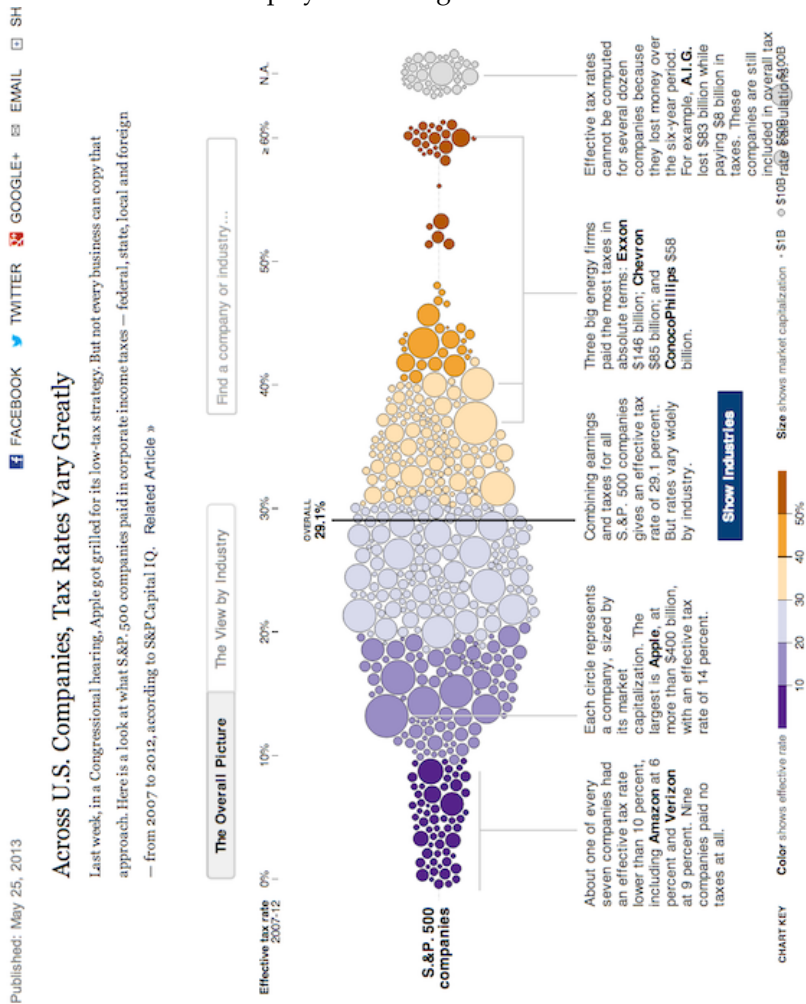
By TOM GIRATIKANON and ALICIA PARLAPIANO

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?

1. What variables constitute the frame?
2. What glyphs are used?
3. What are the aesthetics for those glyphs?
4. Which variable is mapped to each aesthetic?
5. Which variable, if any, is used for faceting?
6. Which scales are displayed with a guide?