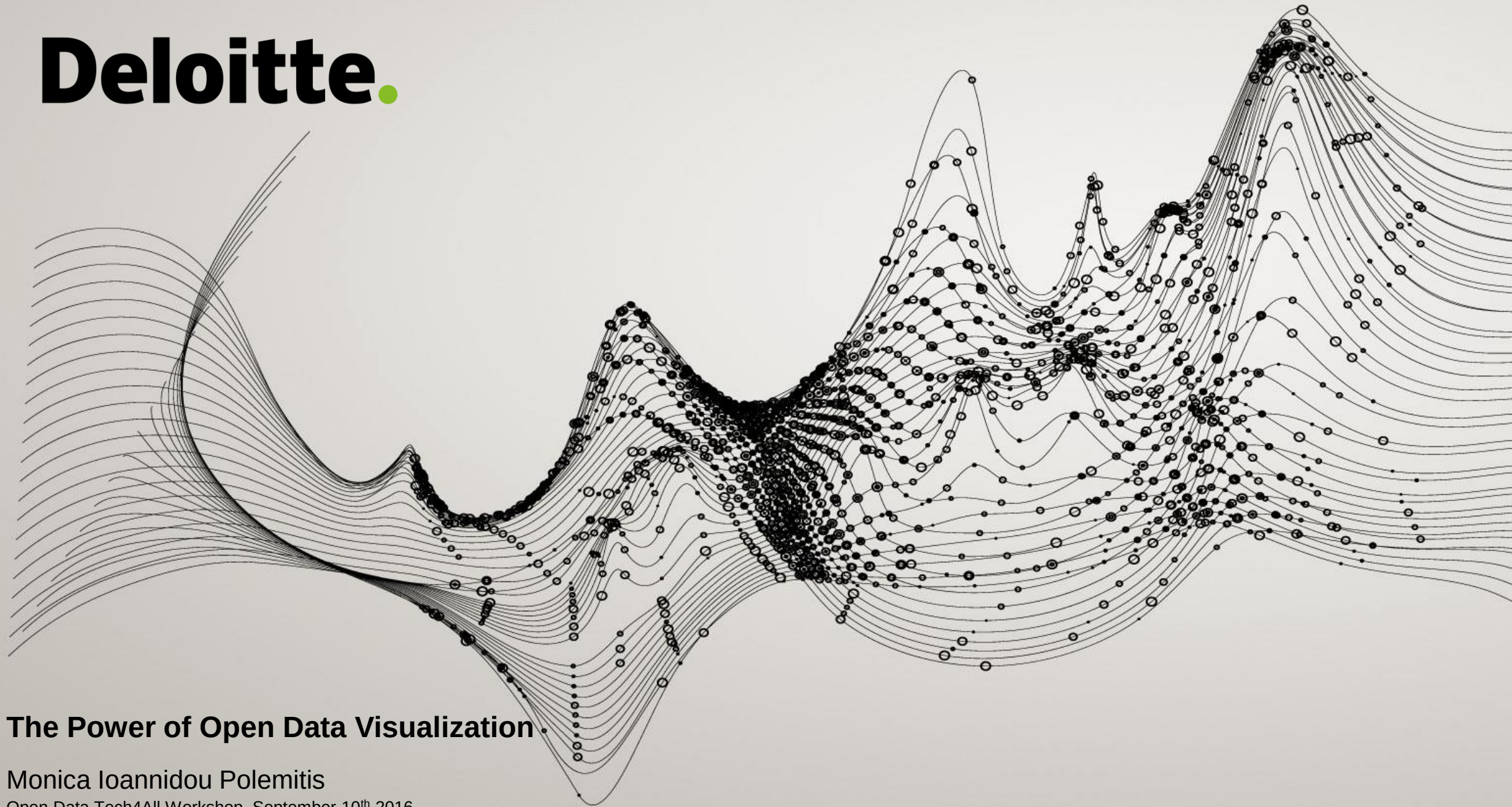




The Power of Open Data Visualization

Monica Ioannidou Polemitis

Open Data Tech4All Workshop, September 10th 2016



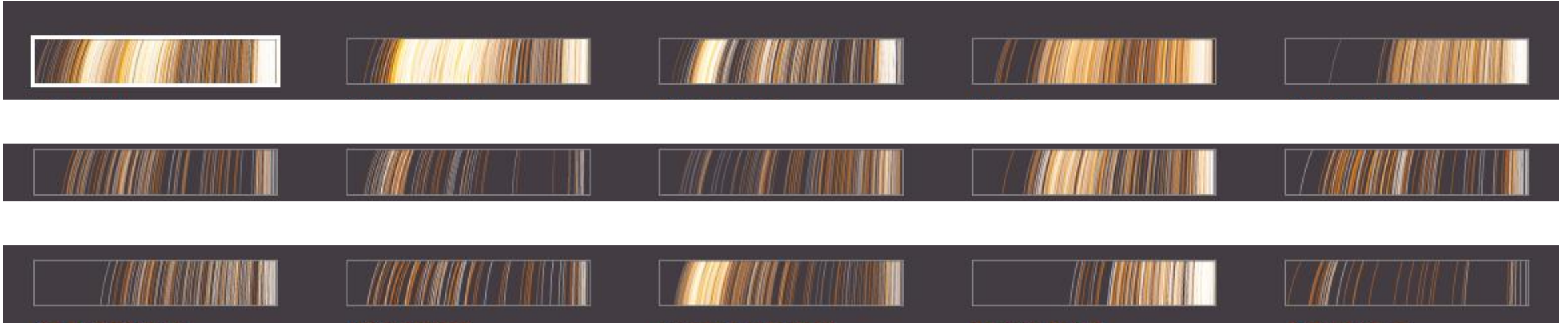
HAVE YOU EVER THOUGHT OF BECOMING A BLONDE?

BLONDES
HAVE
MORE
FUN





There is a shade of blonde for everyone!

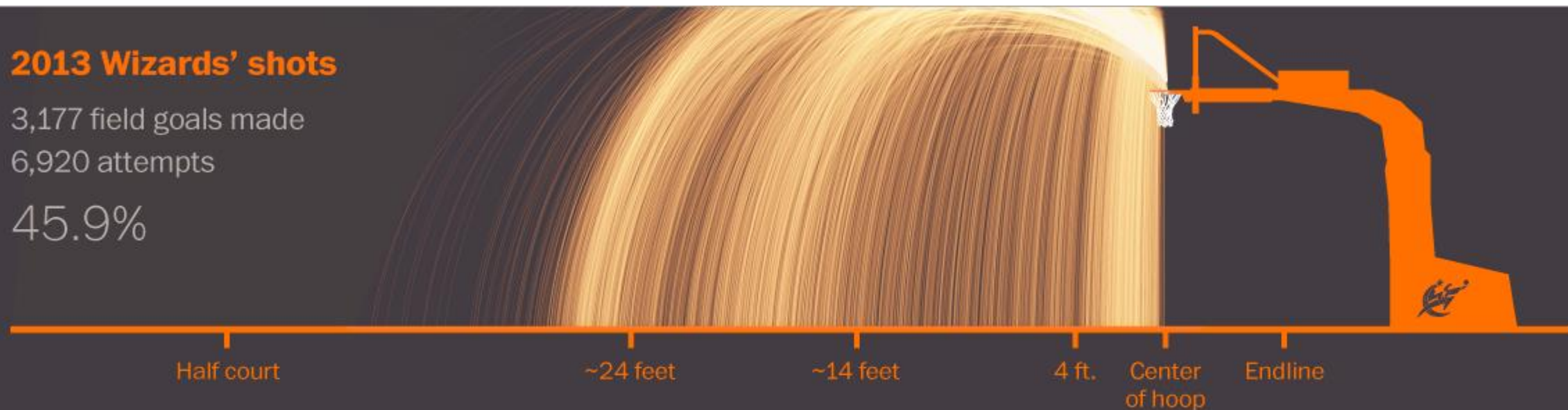


2013 Wizards' shots

3,177 field goals made

6,920 attempts

45.9%



EXPLORE THE 2014 WASHINGTON WIZARDS



JOHN WALL



BRADLEY BEAL



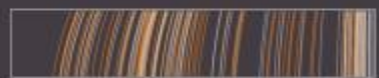
PAUL PIERCE



NENE



MARCIN GORTAT



DREW GOODEN



RASUAL BUTLER



ANDRE MILLER



KRIS HUMPHRIES



GARRETT TEMPLE



KEVIN SERAPHIN



OTTO PORTER



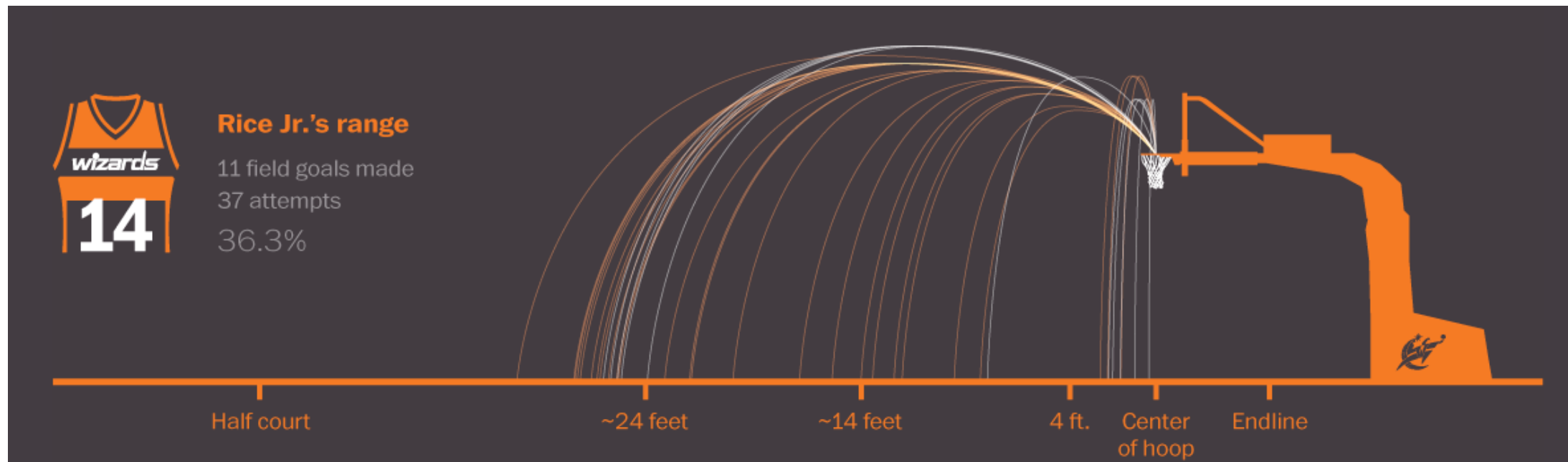
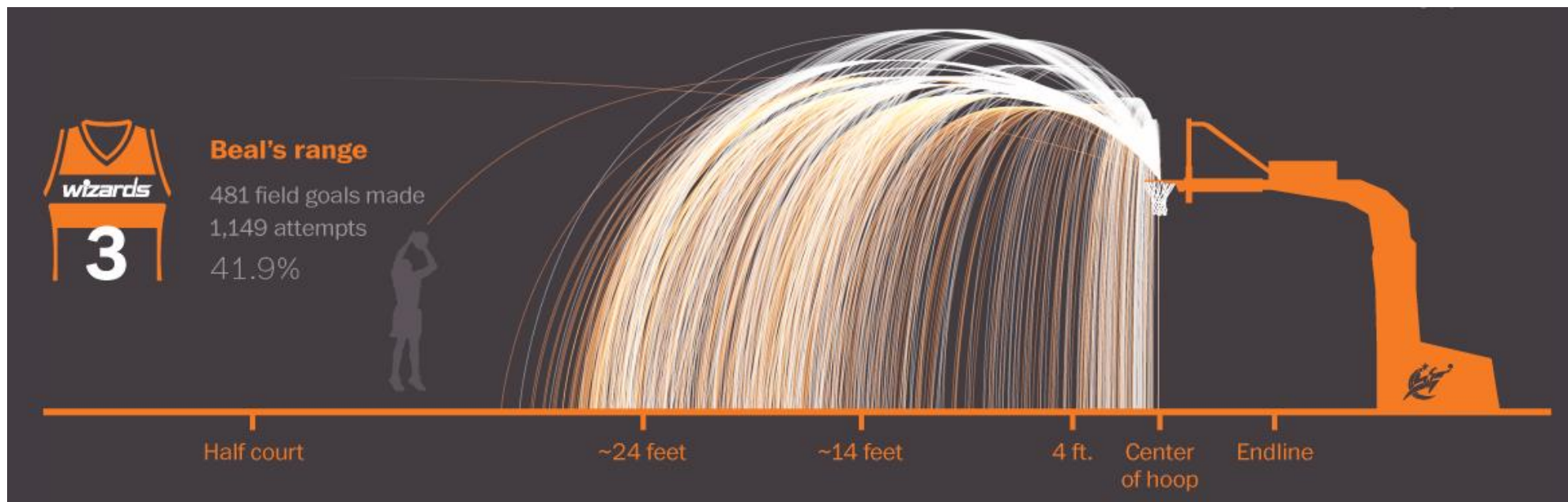
MARTELL WEBSTER



DEJUAN BLAIR



GLEN RICE JR.



Why open data?

- It is the new raw material of the 21st century
- Transparency and accountability
- Wealth of information held by the public sector
- Data is beautiful

BUT

- The global annual rate of data production is expected to reach 5.6 zettabytes, double the rate of growth in 2012 → Titanic amount of data

So it's important to visualize data

Absorb information in new and more constructive ways. the human retina can transmit data at roughly 10 million bits per second – about the same rate as an Ethernet connection! But most business intelligence reports that are compiled for senior management are typically populated with static tables and charts that fail to make information vi

Foster a new business language. Tell a story through data → data journalism

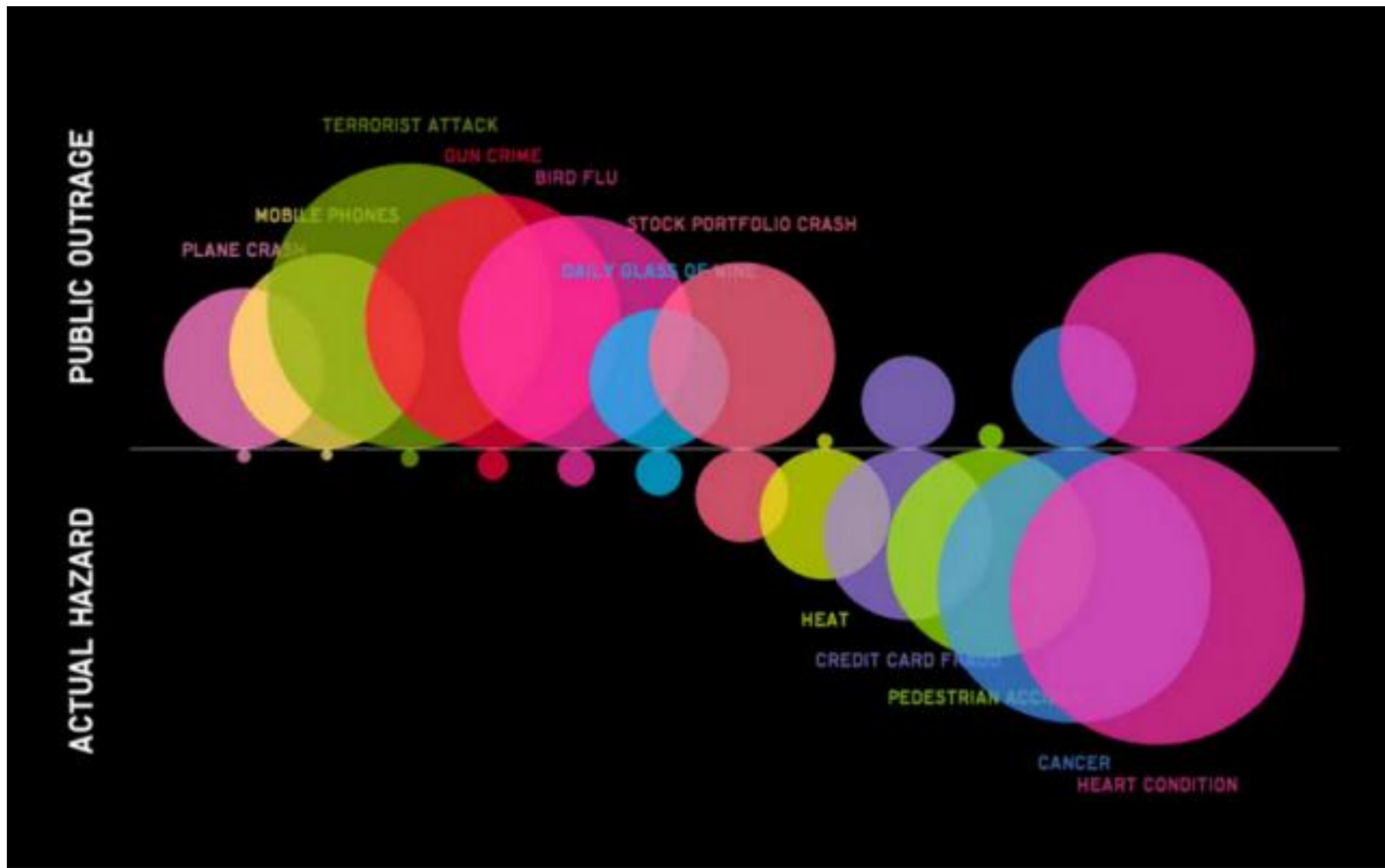
Data can be very powerful. If you can actually understand what it's telling you.

Identify and act on emerging trends faster. Using data visualization, decision makers are able to grasp shifts in customer behaviors and market conditions across multiple data sets much more quickly.

Manipulate and interact directly with data. brings actionable insights to the surface. Unlike one-dimensional tables and charts that can only be viewed, data visualization tools enable users to interact with data.

Who is NOT confused about Syria?

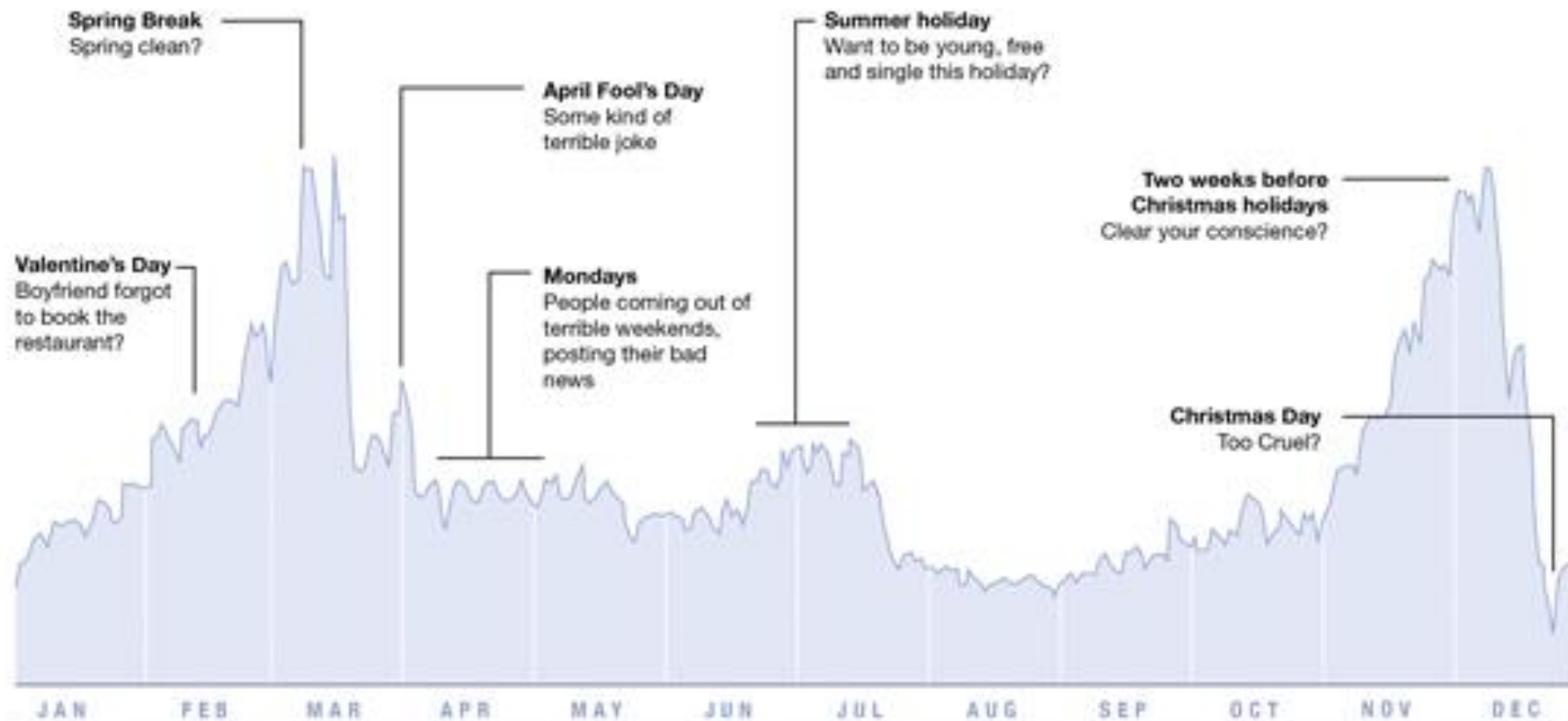
	Syrian Government	Syrian Rebels	ISIS	Jabhat al-Nusra	Kurds	U.S. and Allies	Iraq	Iran and Hezbollah	Russia	Saudi Arabia, Gulf States	Turkey
Syrian Government											
Syrian Rebels											
ISIS											
Jabhat al-Nusra											
Kurds											
U.S. and Allies											
Iraq											
Iran and Hezbollah											
Russia											
Saudi Arabia, Gulf States											
Turkey											



Peak Break-up Times

According to Facebook status updates

InformationIsBeautiful.net



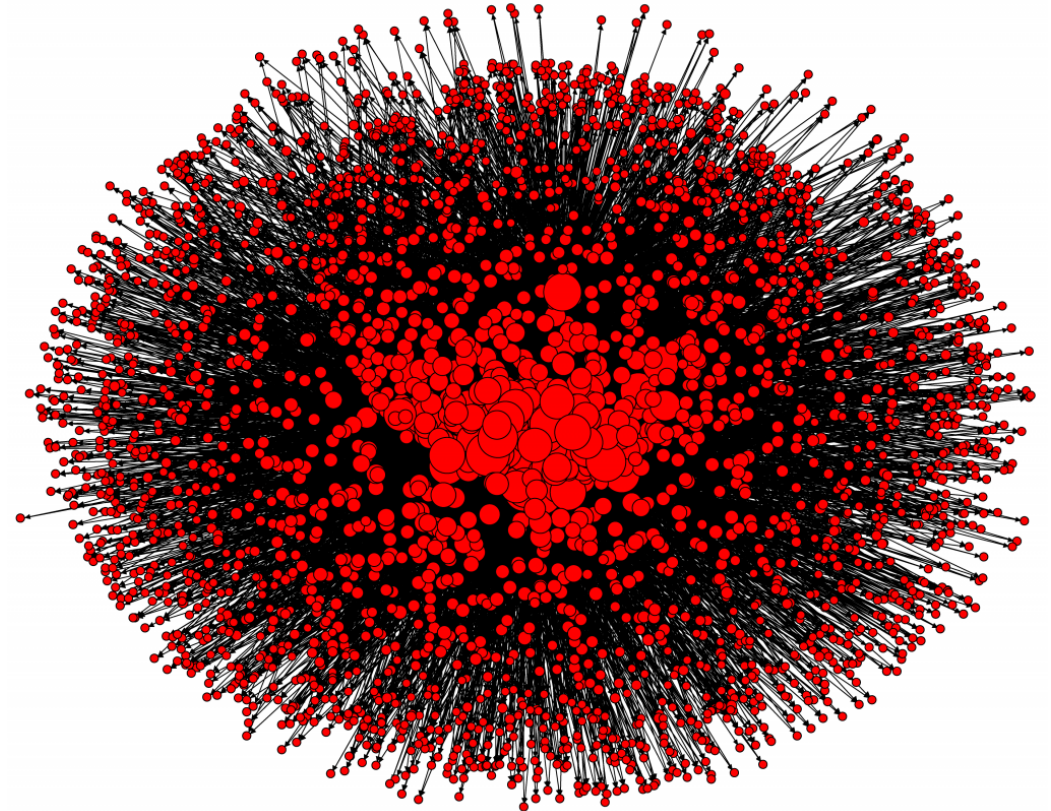
David McCandless & Lee Byron
InformationIsBeautiful.net / LeeByron.com

source: Facebook Lexicon 2008

So... endless possibilities!
And a wise investment...

Data is important.

But it's data *visualization* that allows data to unleash its true impact.



DO BLONDES REALLY DO HAVE MORE FUN?



THANKS!