

INFORMATION ORGANIZATION LAB

LAST TIME ON IOLAB

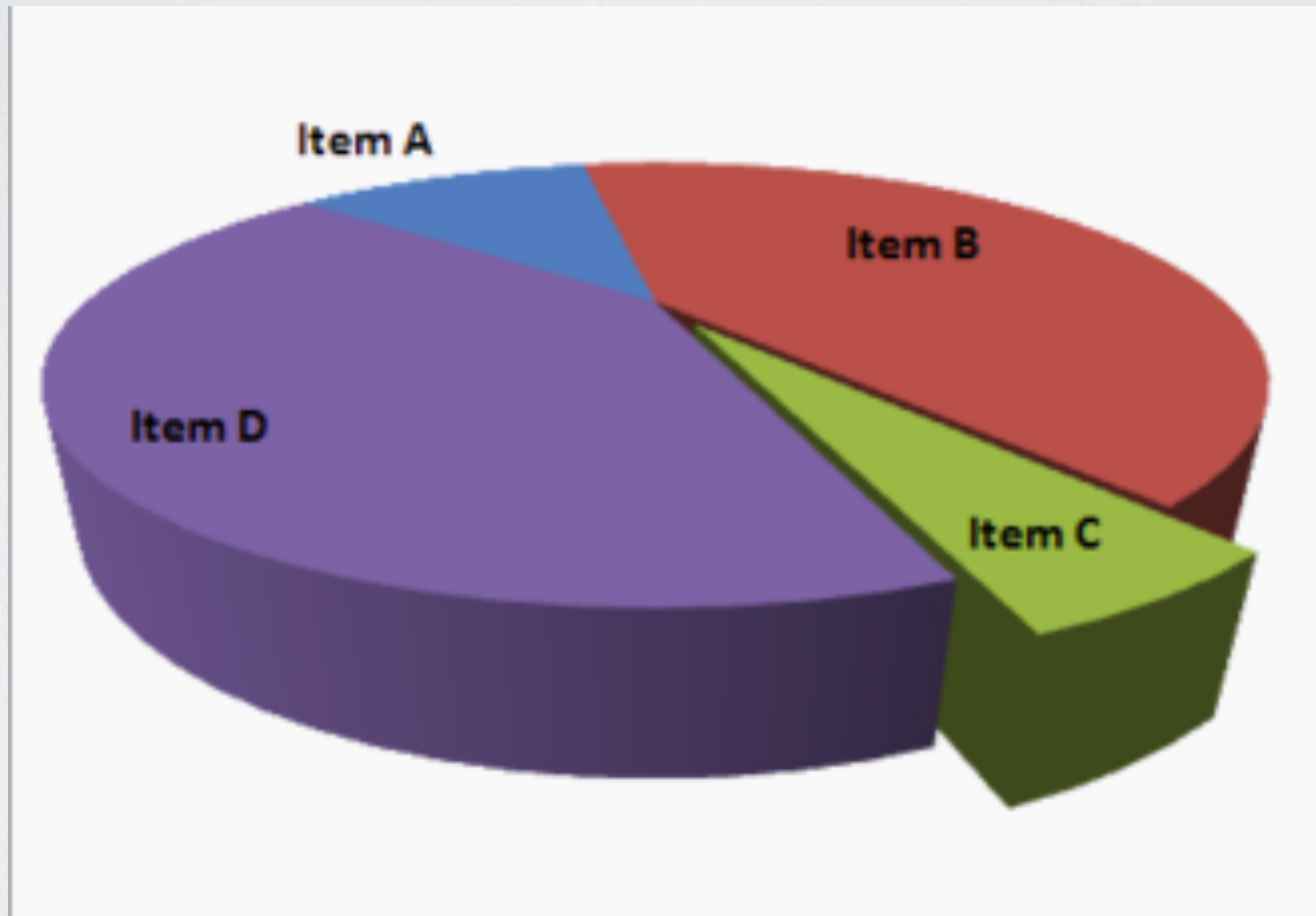
Jacques Bertin, 1967

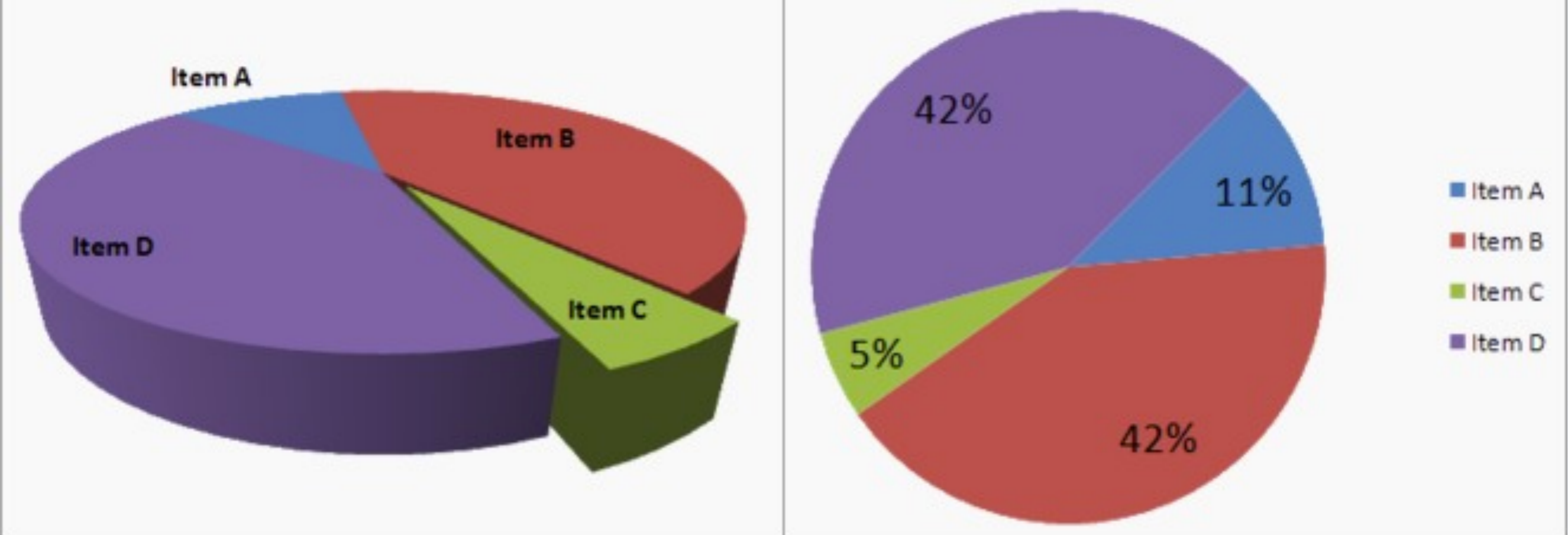
Pre-attentive Features

	<i>Points</i>	<i>Lines</i>	<i>Areas</i>	<i>Best to show</i>
<i>Shape</i>		<i>possible, but too weird to show</i>	<i>cartogram</i>	<i>qualitative differences</i>
<i>Size</i>			<i>cartogram</i>	<i>quantitative differences</i>
<i>Color Hue</i>				<i>qualitative differences</i>
<i>Color Value</i>				<i>quantitative differences</i>
<i>Color Intensity</i>				<i>qualitative differences</i>
<i>Texture</i>				<i>qualitative & quantitative differences</i>

<i>Orientation</i>		<i>Curved/straight</i>		<i>Shape</i>		<i>Shape</i>	
<i>Size</i>		<i>Number</i>		<i>Gray/value</i>		<i>Enclosure</i>	
<i>Convexity/concavity</i>		<i>Addition</i>		<i>Juncture</i>		<i>Parallelism</i>	

WHICH SLICE IS LARGEST?





http://en.wikipedia.org/wiki/Misleading_graph

IS THIS BAD?

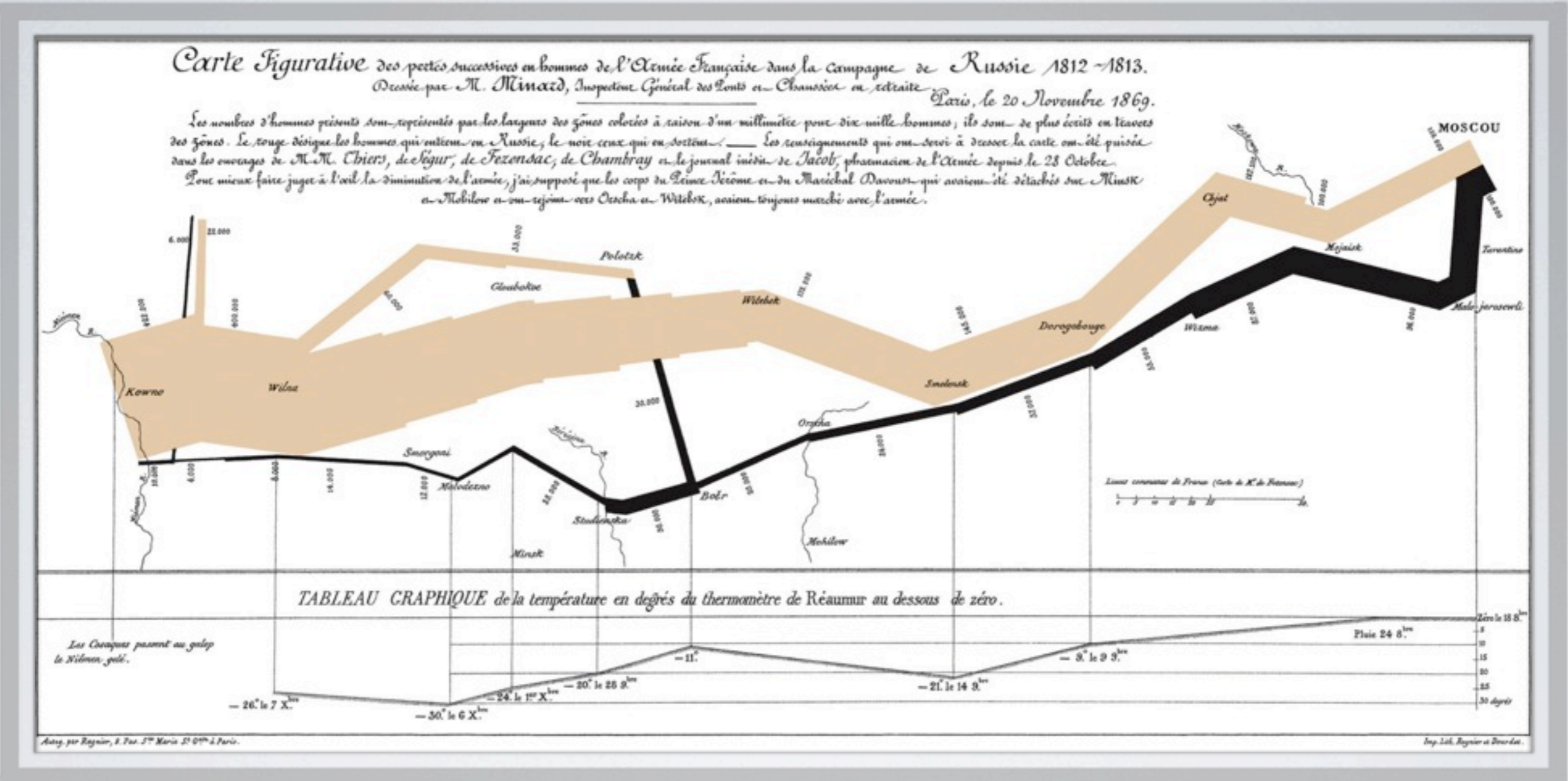


<http://www.droid-life.com/2012/10/15/infographic-who-is-more-social-android-or-ios-users/>

VISUALIZATION GOALS

Exploration

Communication



VISUALIZATION

Minard's Napoleon

MORE INFO VIZ

www.informationisbeautiful.net

www.informationisbeautifulawards.com

YOUR FAVORITES?

DEMOS

Google Chart, gRaphael, D3

<http://courses.ischool.berkeley.edu/i290-iol/f12/resources/dataviz/>

Tutorials

<https://developers.google.com/chart/>

<http://g.raphaeljs.com/>

<http://alignedleft.com/tutorials/d3/>

NEXT TIME

Project Presentations & HW3 Due

You can find links to help with all of these on the course website at
<http://courses.ischool.berkeley.edu/290ta-iol/f12>