

Infographics, Making Data Talk. Week 2

mediabistro

Sept 10–Oct 8, 2013
Tuesdays 8–9pm EST
Thoughts by Sascha Mombartz

WEEK 1

Theory & Thinking

Lecture Tue Sept 10
Discussion Tue Sept 17

WEEK 2

Tools & Technique

Lecture Tue Sept 17
Discussion Tue Sept 24

WEEK 3

Practice & Production

Lecture Tue Sept 24
Discussion Tue Oct 1

WEEK 4

Interaction & In-sanity

Lecture Tue Oct 1
Discussion Tue Oct 8

Overview

Process

Elements

Tools

Process

Why

The Relevance

- Why Care
- Importance

Who

The Audience

- Age
- Education
- State of mind

What

The Data & Application

- Summarize
- Compress
- Instructions
- Reference
- Facts, Story

How

The Language

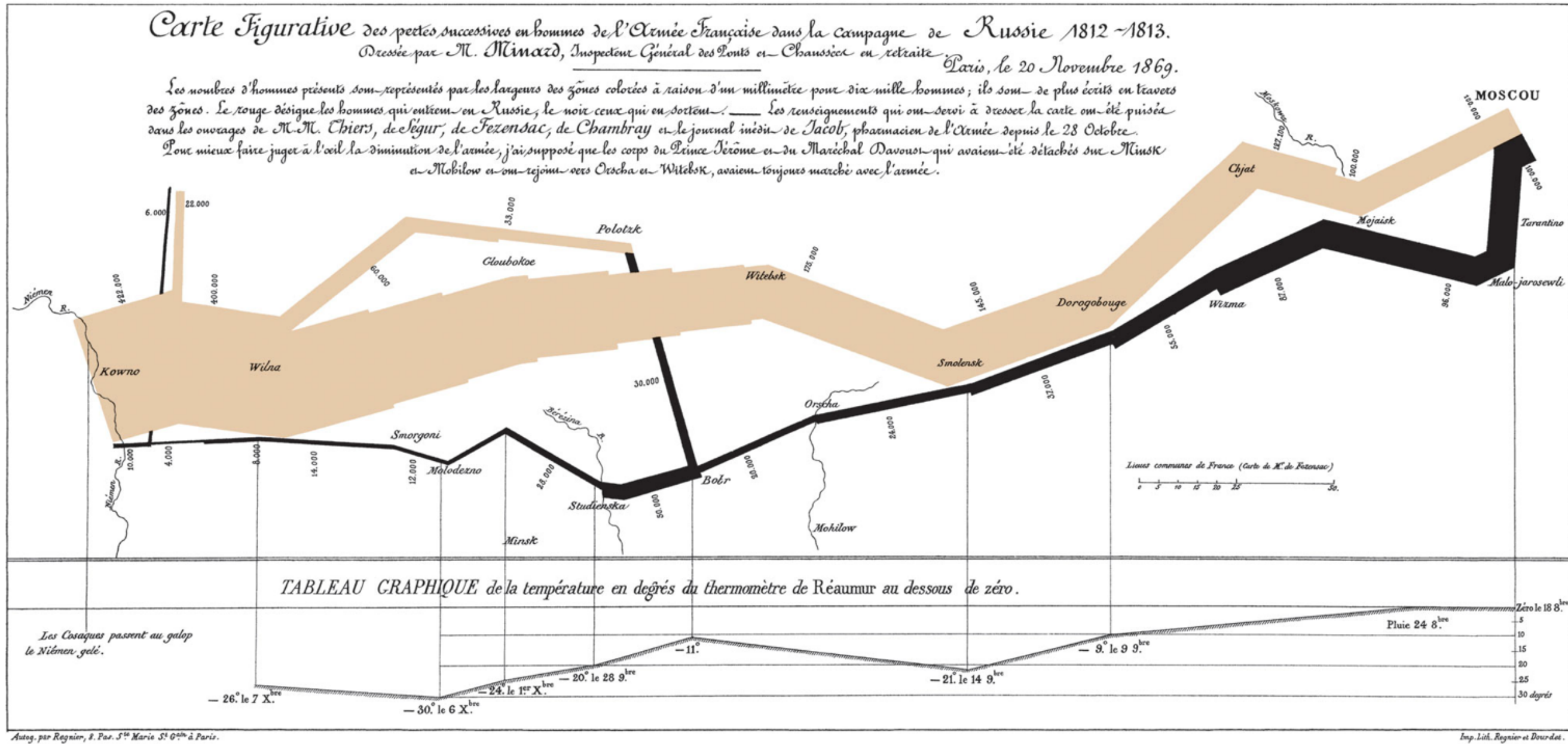
- Charts, Pies
- Graphics, Icons
- Text, Numbers

Where

The Destination

- Medium
- Environment

Example

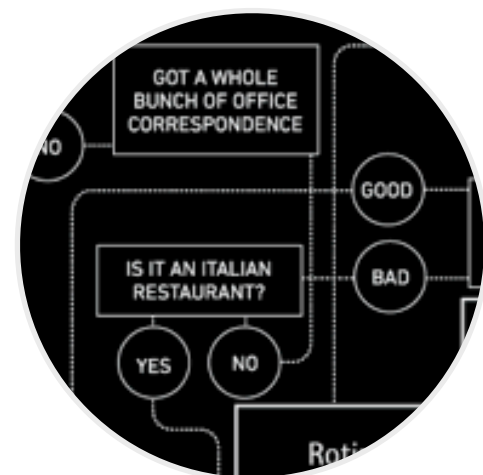


Napoleon's army in the Russian campaign 1812 by Charles Joseph Minard

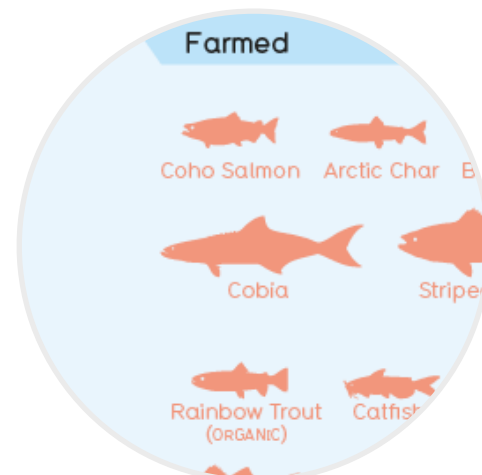
Elements

Explicit

- Numbers & Words
- Tables

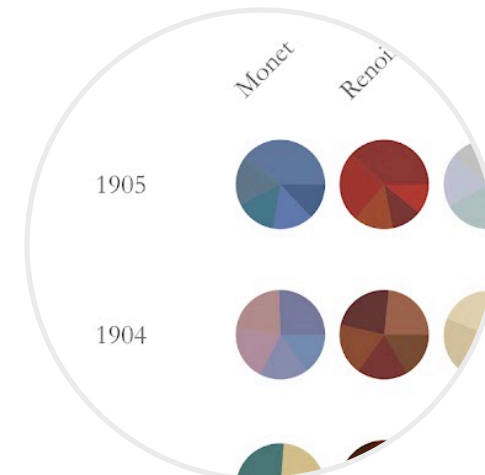


- Graphs, Pie charts
- Graphics
- Icons
- Illustration

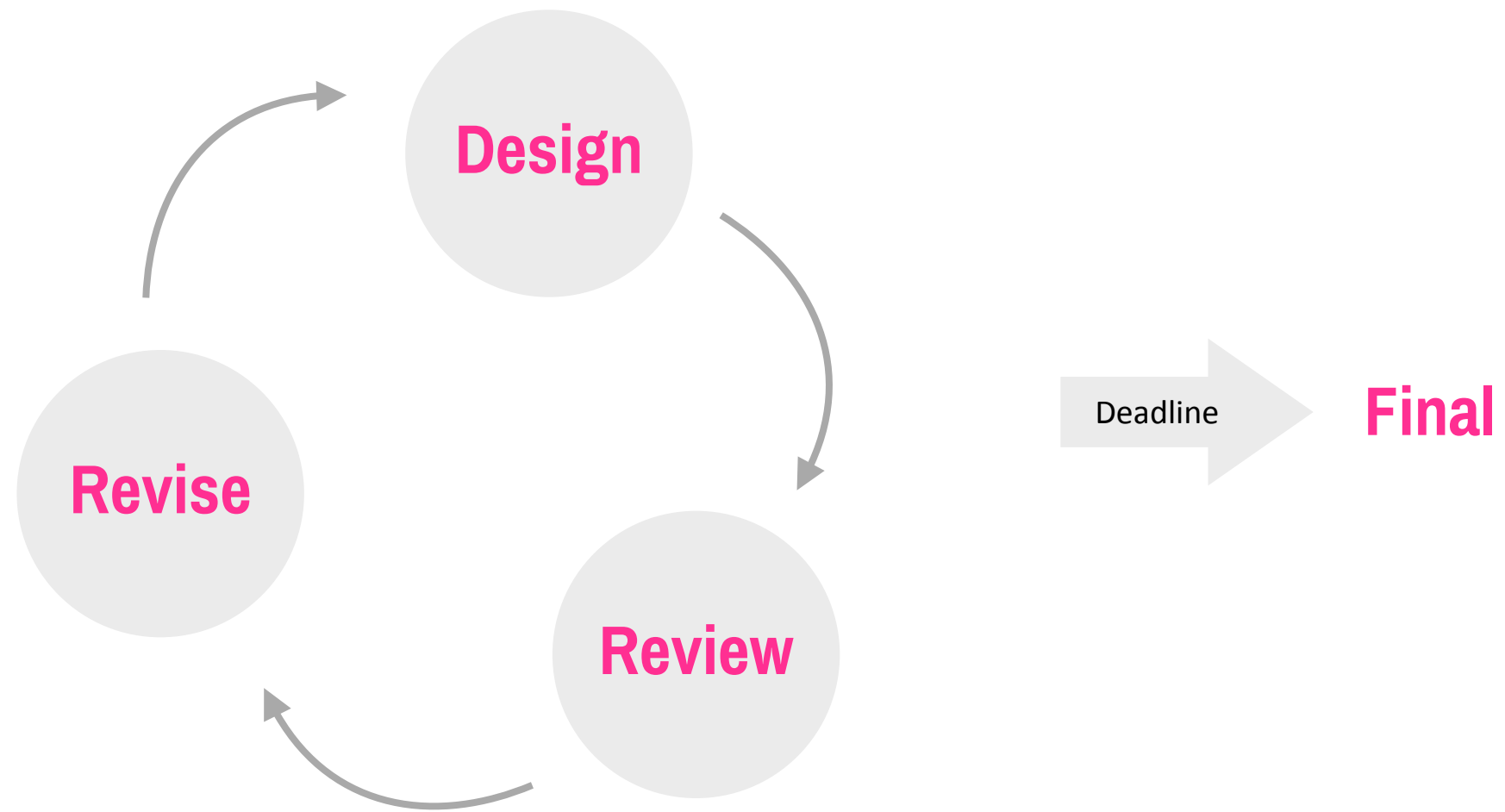


Implicit

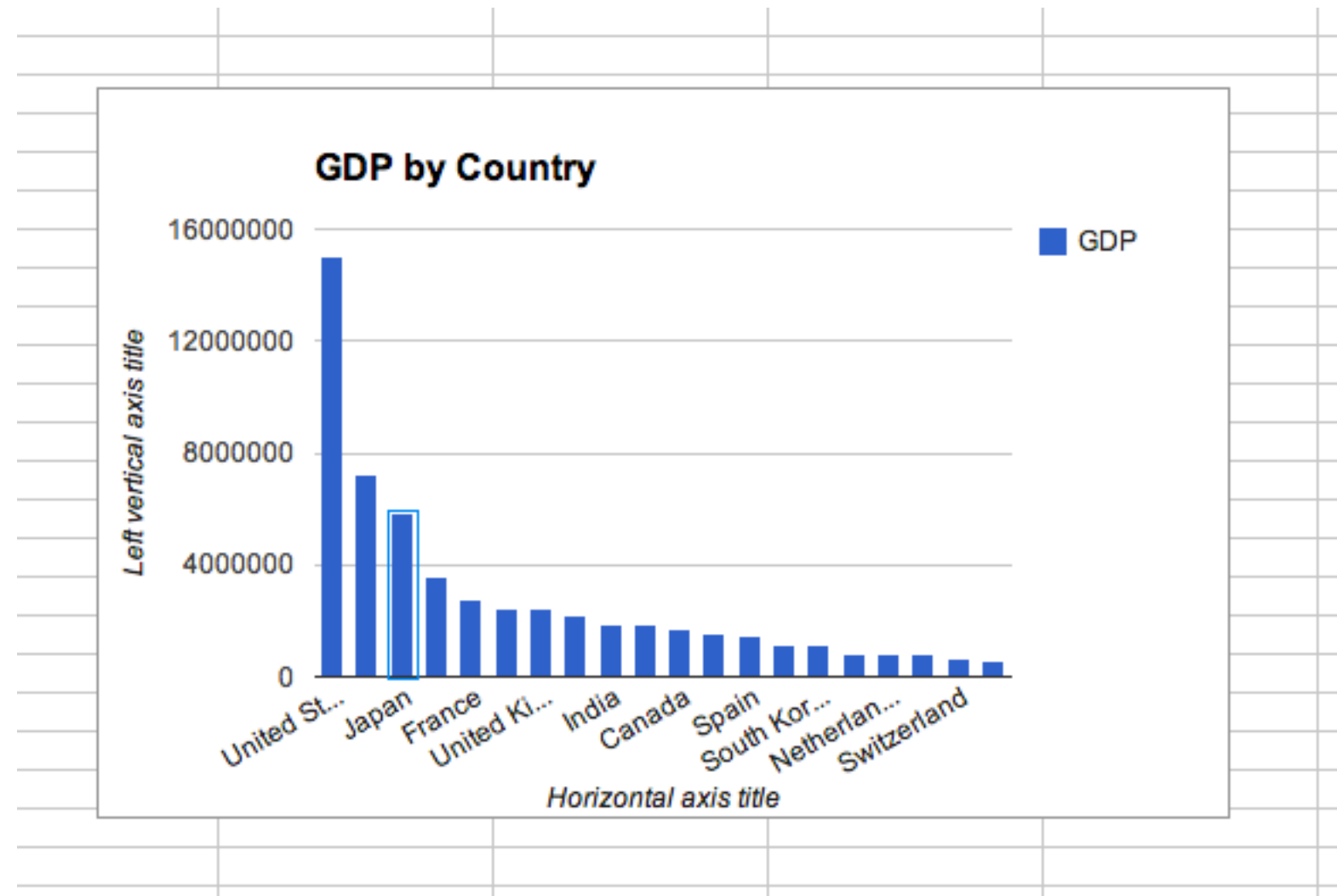
- Hierarchy
- Space
- Size
- Gradient
- Color
- Shape



Execute



Design, Review, Refine

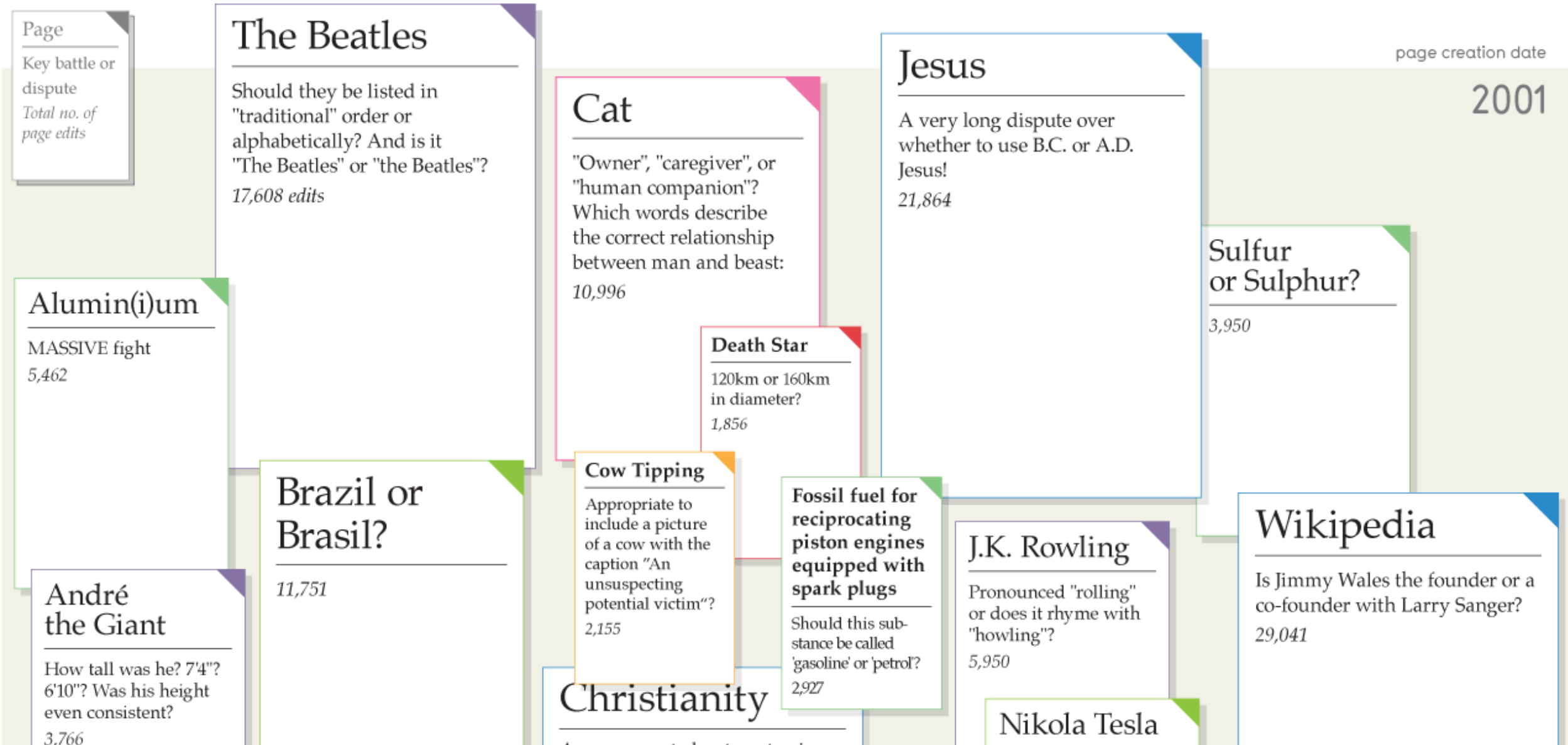


Text, Numbers, Size

Articles of War

Wikipedia's lamest edit wars

■ Technicallity ■ Political ■ Ethics ■ Ethnic Feuds ■ American Cultural Superiority ■ Religion ■ Culture War ■ Animal Rights ■ Star Wars



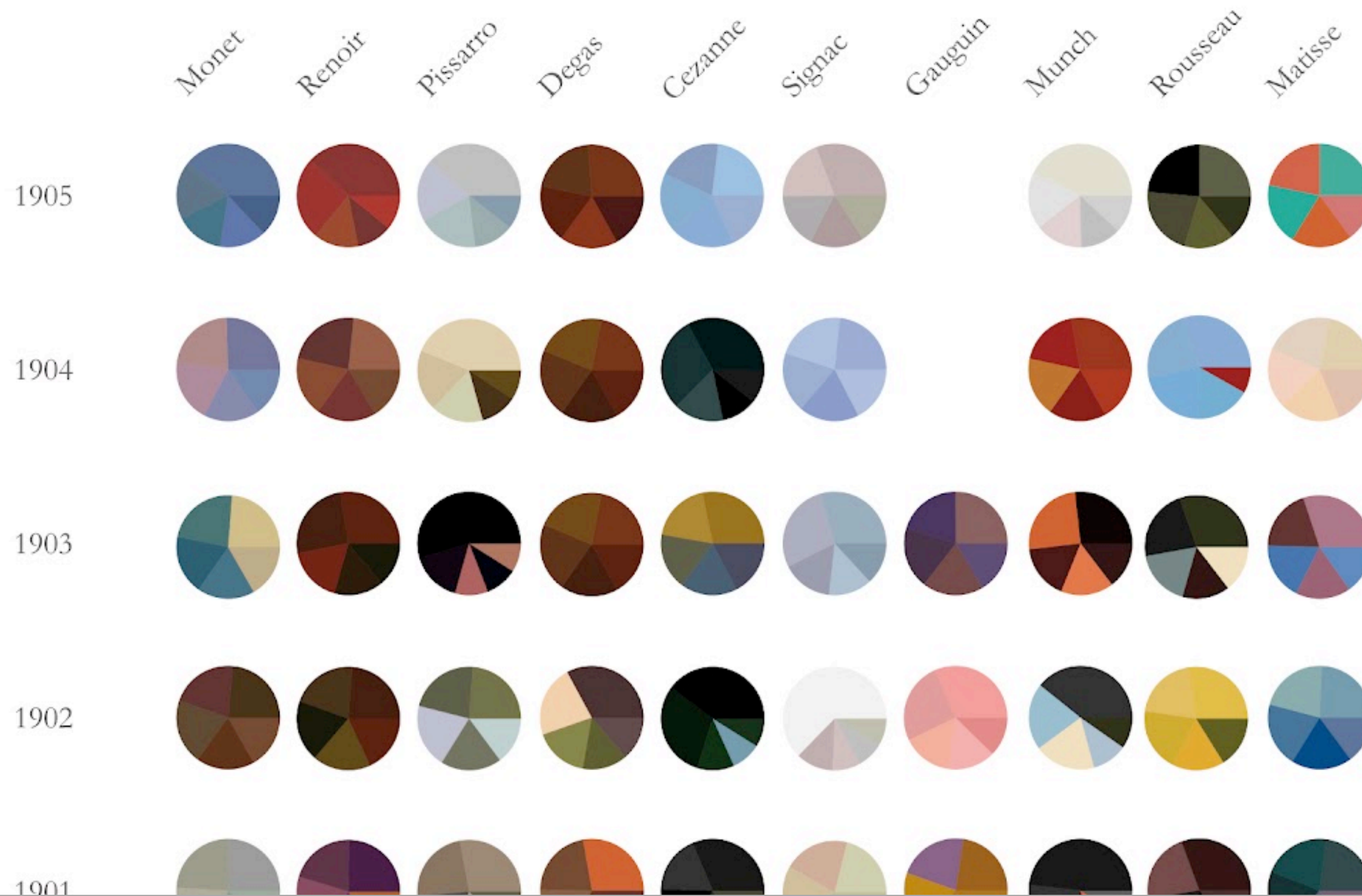
Icons of the Web



Illustration, Icons, Hierarchy



Charts, Text & Color



Tools

Vector



Adobe Illustrator



Inkscape



Pixel



Adobe Photoshop

Composition



Adobe InDesign

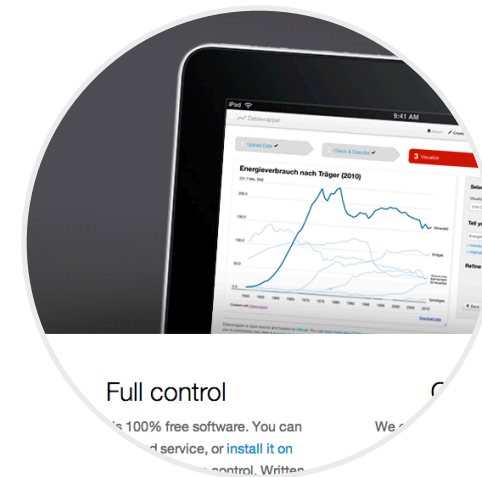
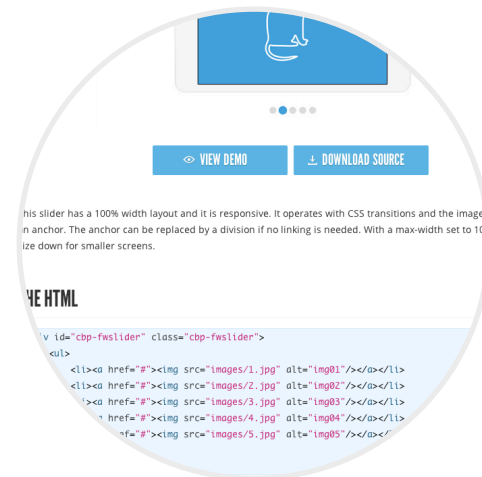
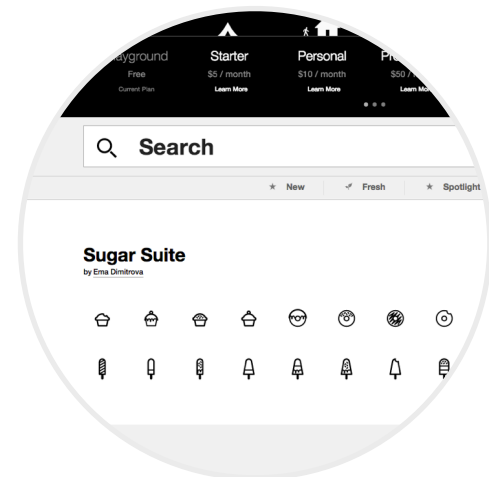


Apple Keynote

Resources

Assets

- Noun Project
- Creative Market
- Codrops



Visualization Tools

- Google Spreadsheet
- Infogram
- Datawrapper
- texttexture
- TimelineJS
- Carto DB | Examples
- High Charts
- Data-Driven Documents

Next Steps

Explore

Smashing Magazine

Visual Complexity

Junk Charts

Reading

Start with Why by Simon Sinek

Redesigning Google: How Larry Page engineered a beautiful revolution

Visual Encoding

Why we crave visual info

Homework

Due Sunday September 22nd

Assemble your data and start sketching out a few ideas on how you could represent the information. Use Google Spreadsheets for quick data analysis and sketch your concepts. If you feel confident with your sketches you can start assembling your data viz in Illustrator or Inkscape.

You'll know that the idea is out of bounds when researching and collecting data becomes overwhelming and your idea is too sparse when your sketches don't reveal anything interesting.

Lecture Files? makingdatatalk.mombartz.com

Questions? Email me at s@mombartz.com