



## **Benjamin Bach**

June 2020 http://benjbach.me https://datavis-online.github.io

-- Not for external use --

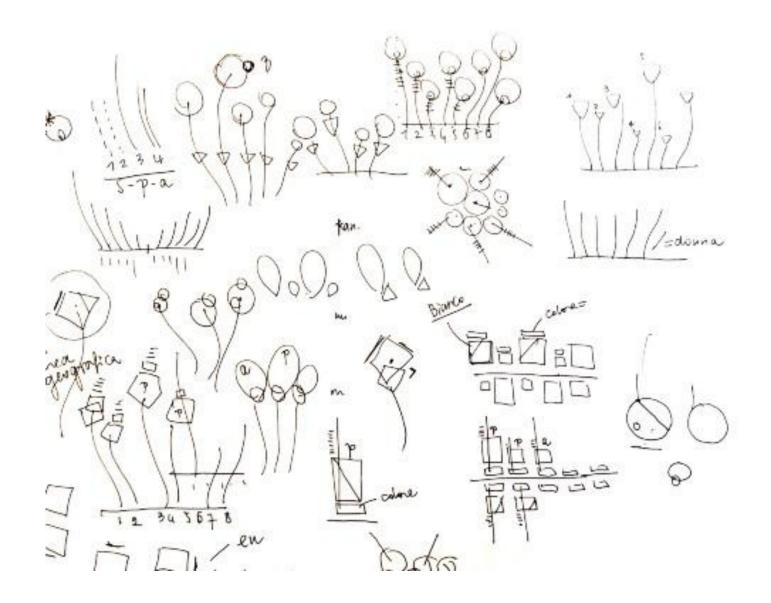
- 1. What sketching is about?
- 2. Why do we need sketching for visualization?
- 3. What do we sketch?
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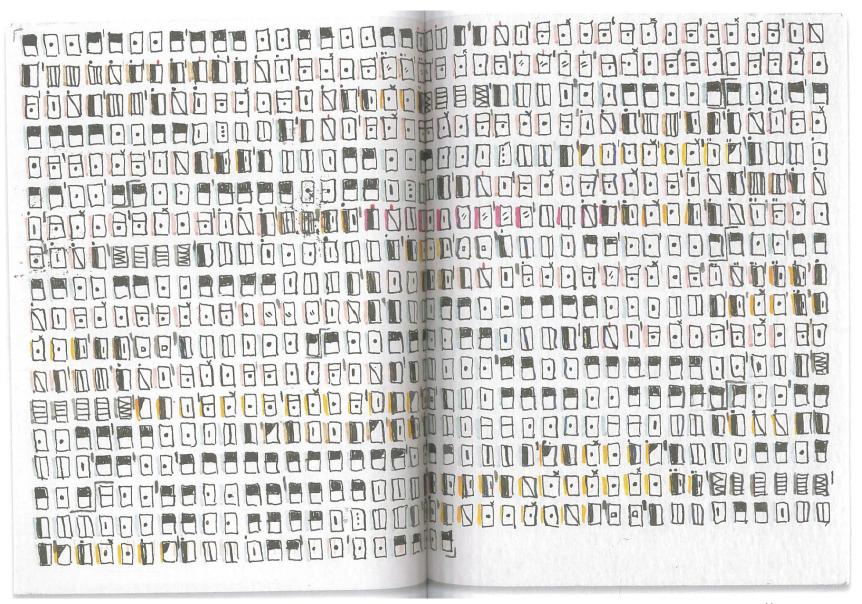
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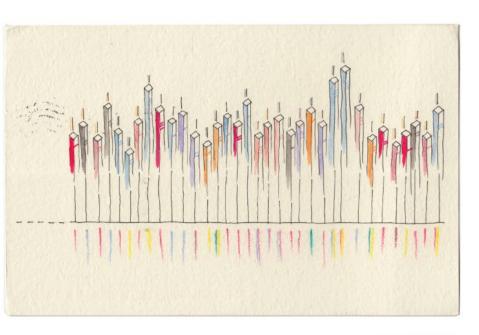
## **Idea Generation** *Doodles*

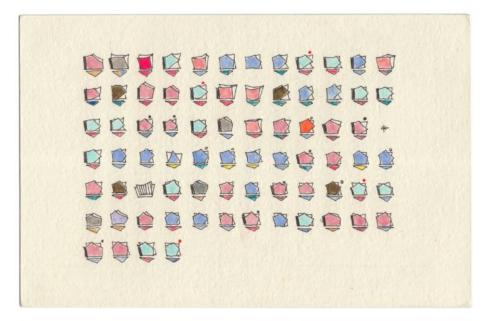


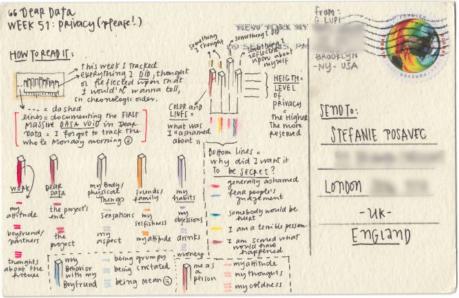
# Visual Marks & Glyphs

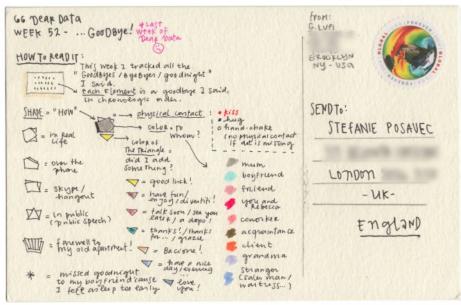


## Visual Language Dear Data

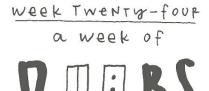








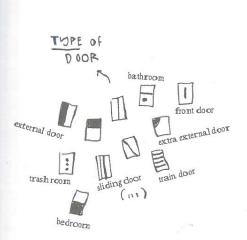
# Visual Marks & Glyphs



This week Giorgia and Stefanie were tracking the doors they passed through. As much as it sounds an unusual dataset, it was a pretext to show each other the pace of their days through their external and internal environments.

It is a reminder that you can still see the story of a life lived, even in the most uncommon types of data tracking, if you add the right details to your gathering.





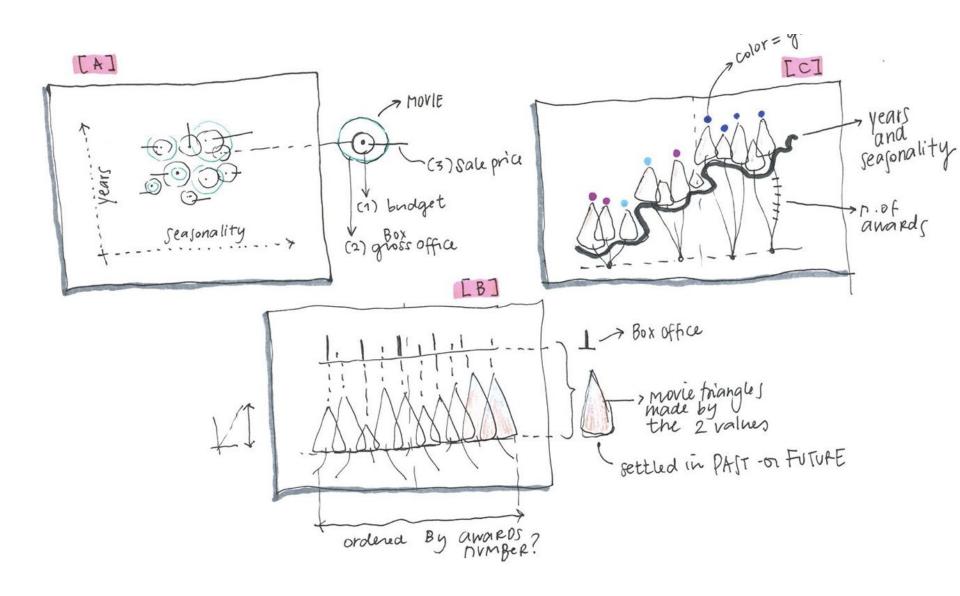


Why can't I help 00000000verdetailing my data collections???

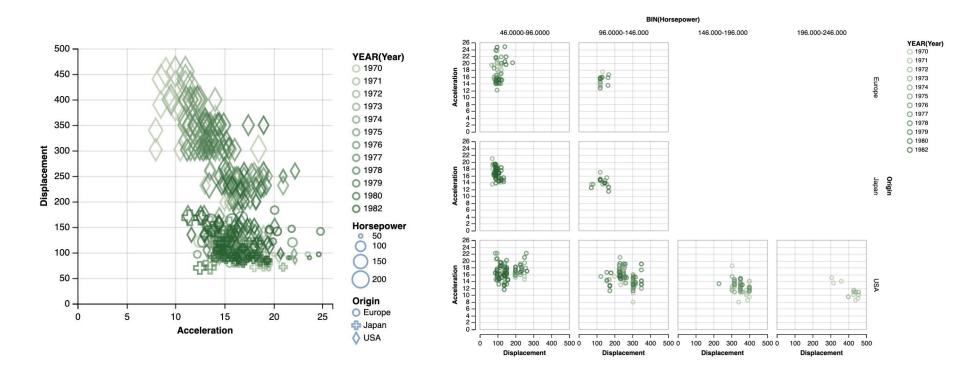
900



## **Visualizations**

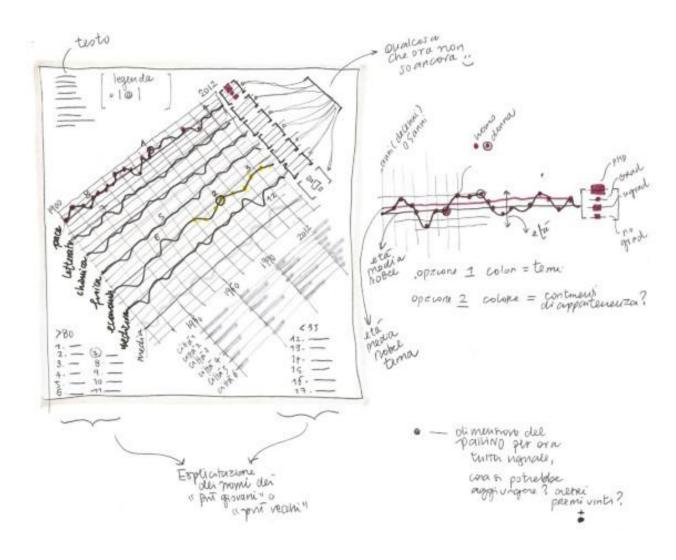


# Visualizations: Complex vs. multiples?



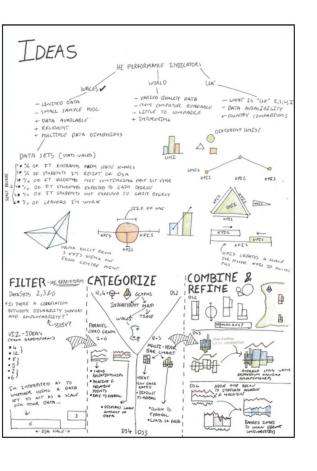
High ← Low

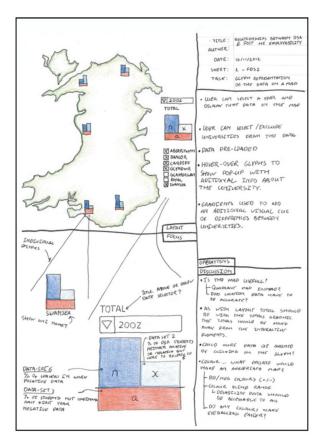
#### **Structure**

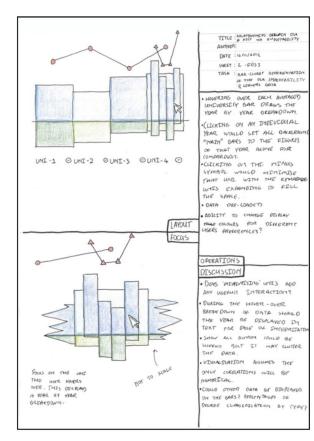


- Visualizations
- Space
- Layout
- Titles
- Legends
- Text
- Color schemes
- Pictures
- ..

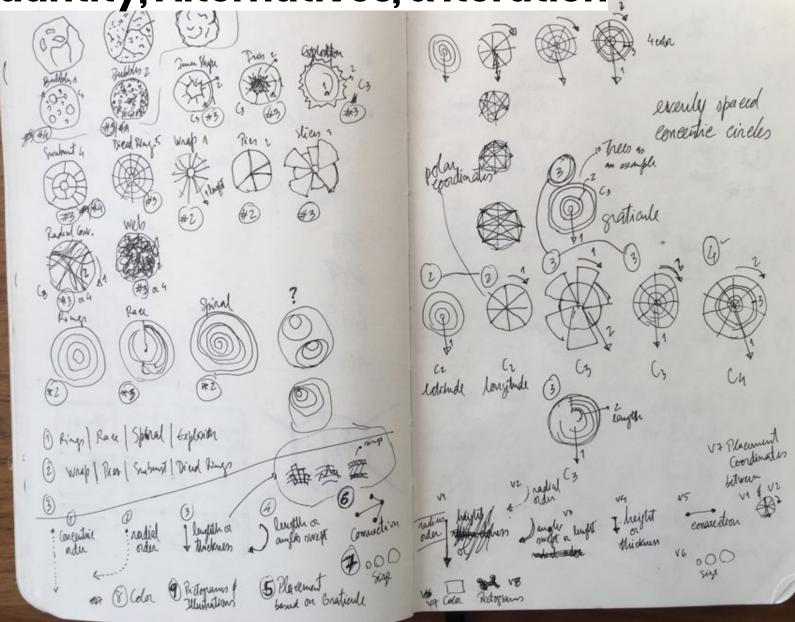
## **Views and Layouts**



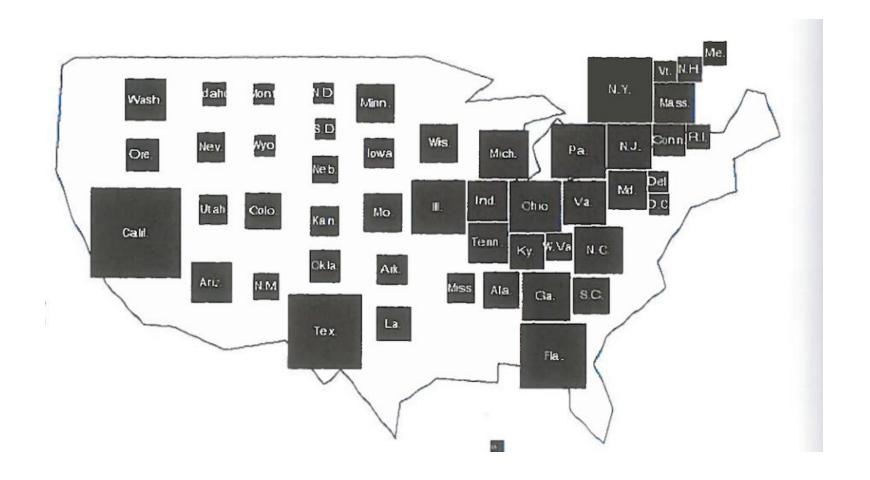


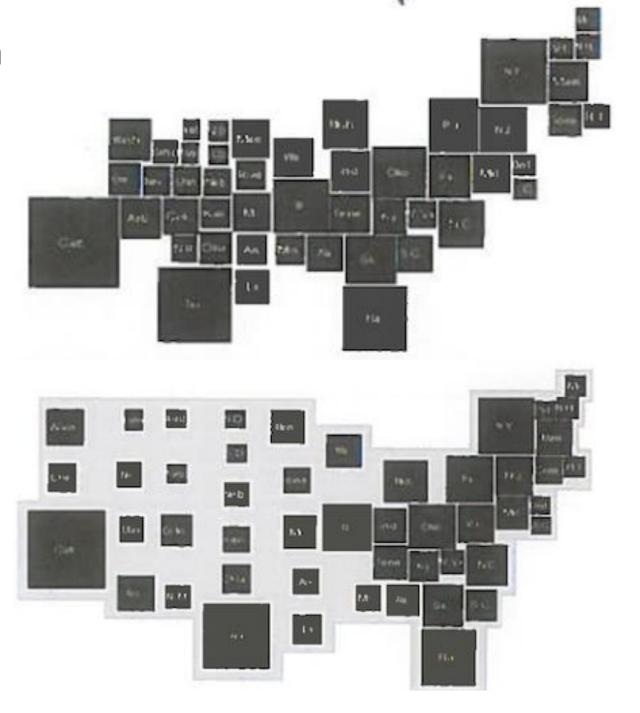


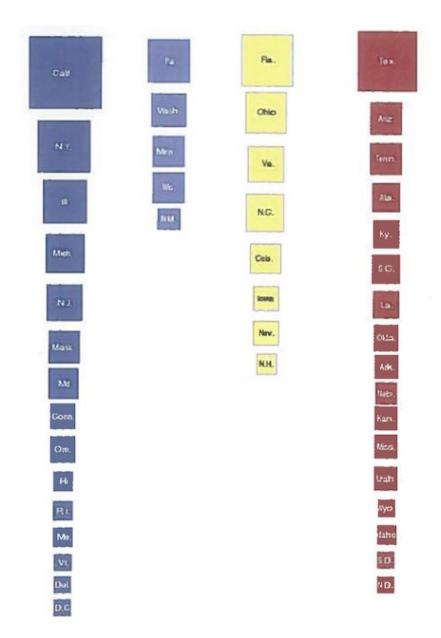
Quantity, Alternatives, & Iteration

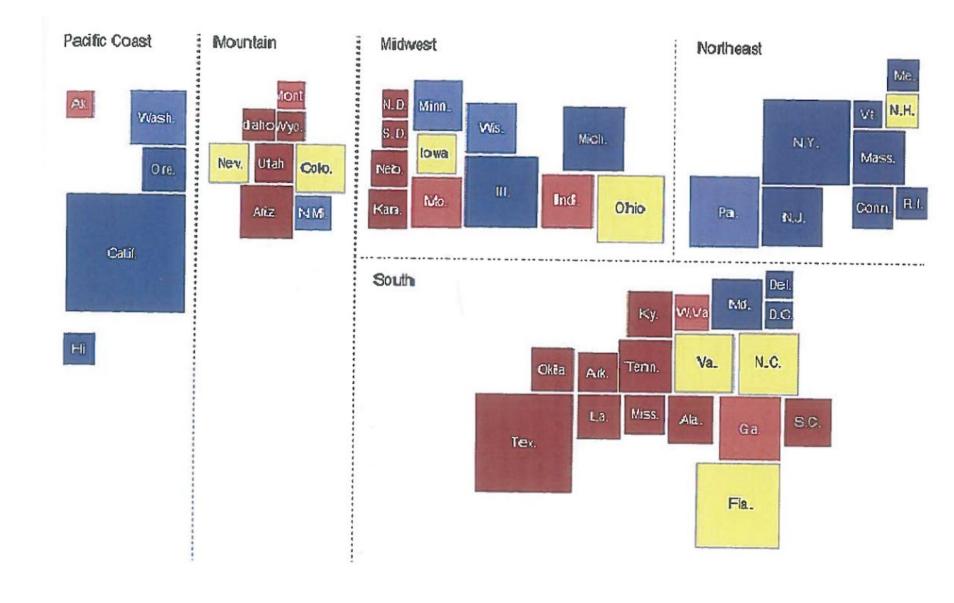


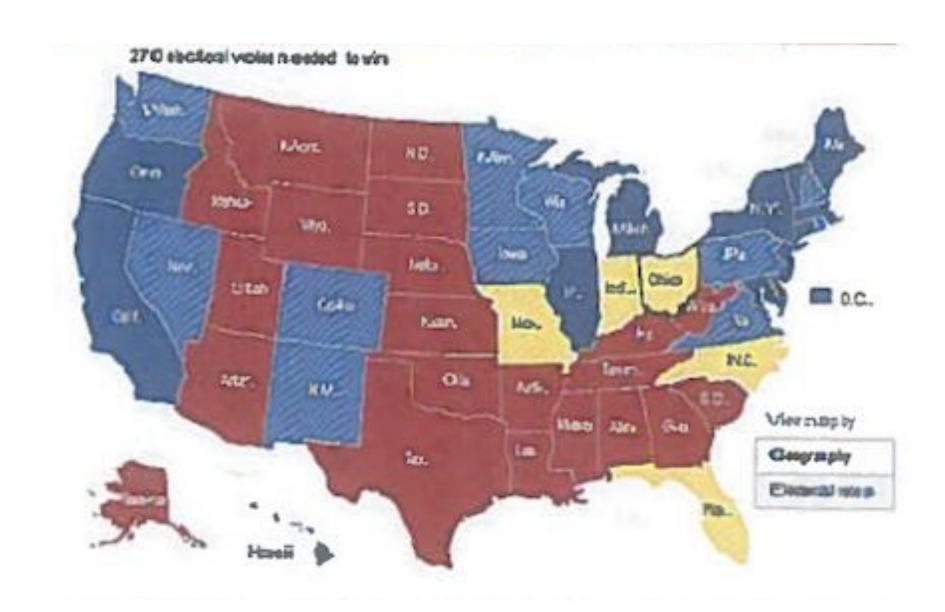


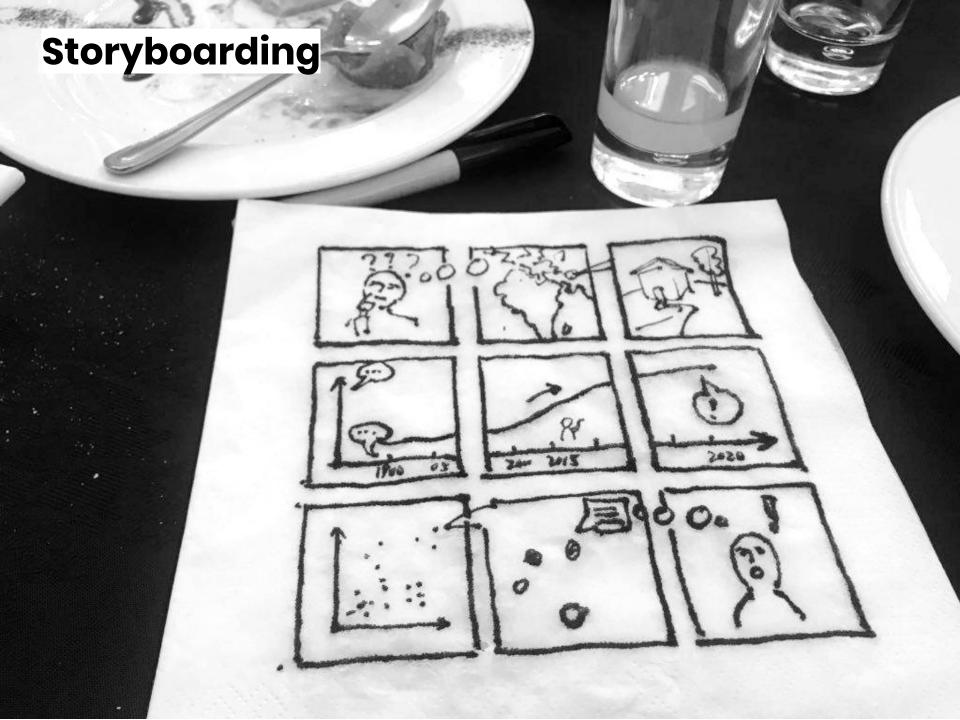












## Sketching in a nutshell

#### Why:

- Idea generation
- Explore visual marks, structures, layouts
- Communication
- Reflection

#### What:

- Fake data or real data
- Visualization types
- Visual patterns

#### How:

- Doodles & iterations
- Visualization types & visual variables,
- Layouts and page structures
- Views and complexity

