

Bachelor of Arts, Interaction Design

Schwäbisch Gmünd, Germany

Designer at MING Labs

Internship in Shanghai

Project based in Singapore

Freelance in Berlin

Shanghai (2 years)

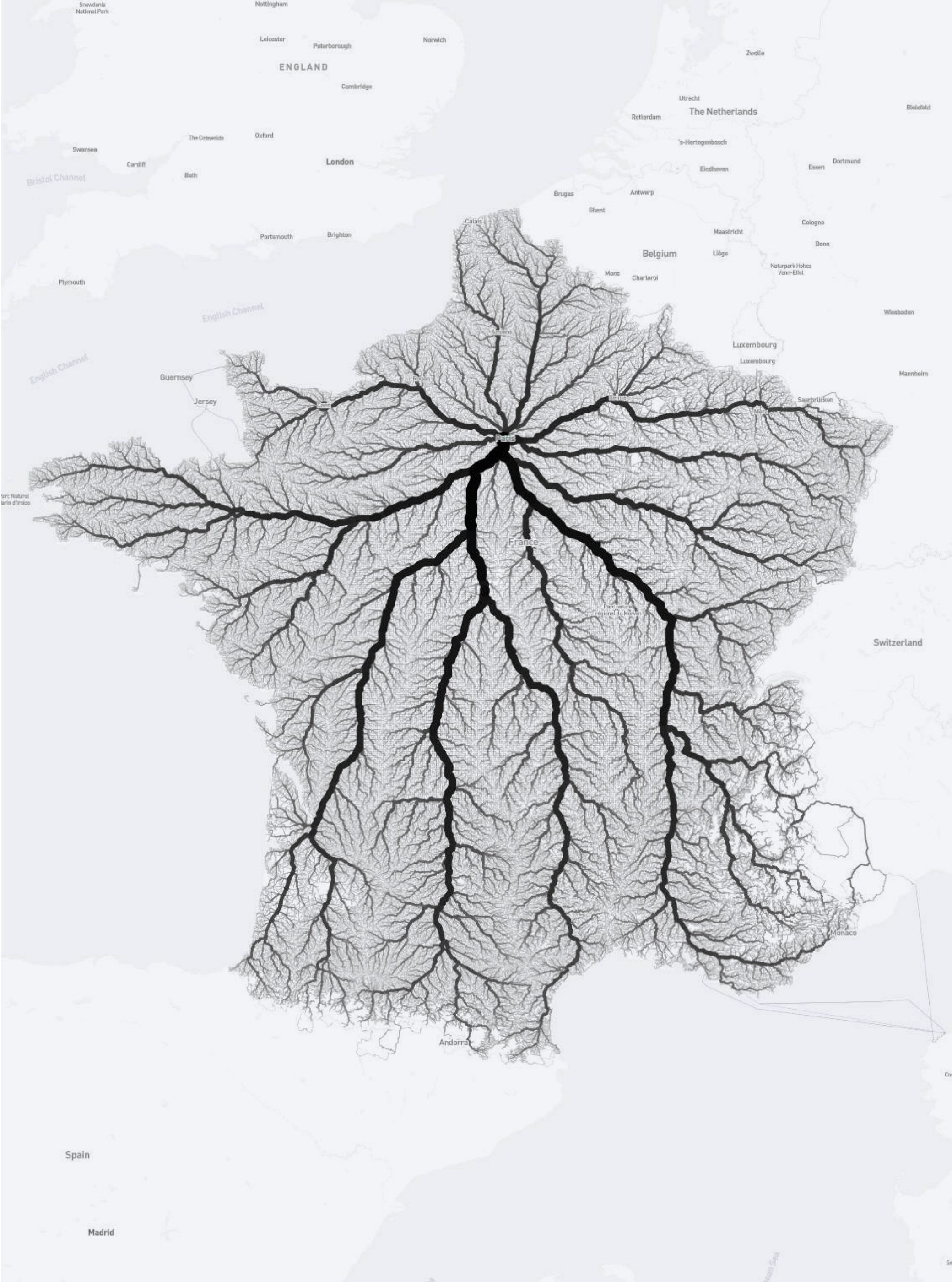
Munich (since 2019)



Meaningful Data Visualization

Why Data Viz?

What is meaningful?



Roads to Rome by moovel lab

How to 'Data Viz'?

1. Get an eye for data

Data is everywhere in our daily lives, it's just a matter to learn how to recognize it. Understand how data is used.

2. Question Zero

What do you want to know and explore? Start with your crucial question, then define more in-depth questions.

3. Gather Data

Gather the data and everything around it.
Watch out for consistency (new data).

4. Spend time with your data

Sit down, analyse the data and understand it.
Ask questions to validate your understanding (client).

5. Organize, categorize & find a story

Structure is your best friend. Simplify your data to easily work on the story you want to tell.

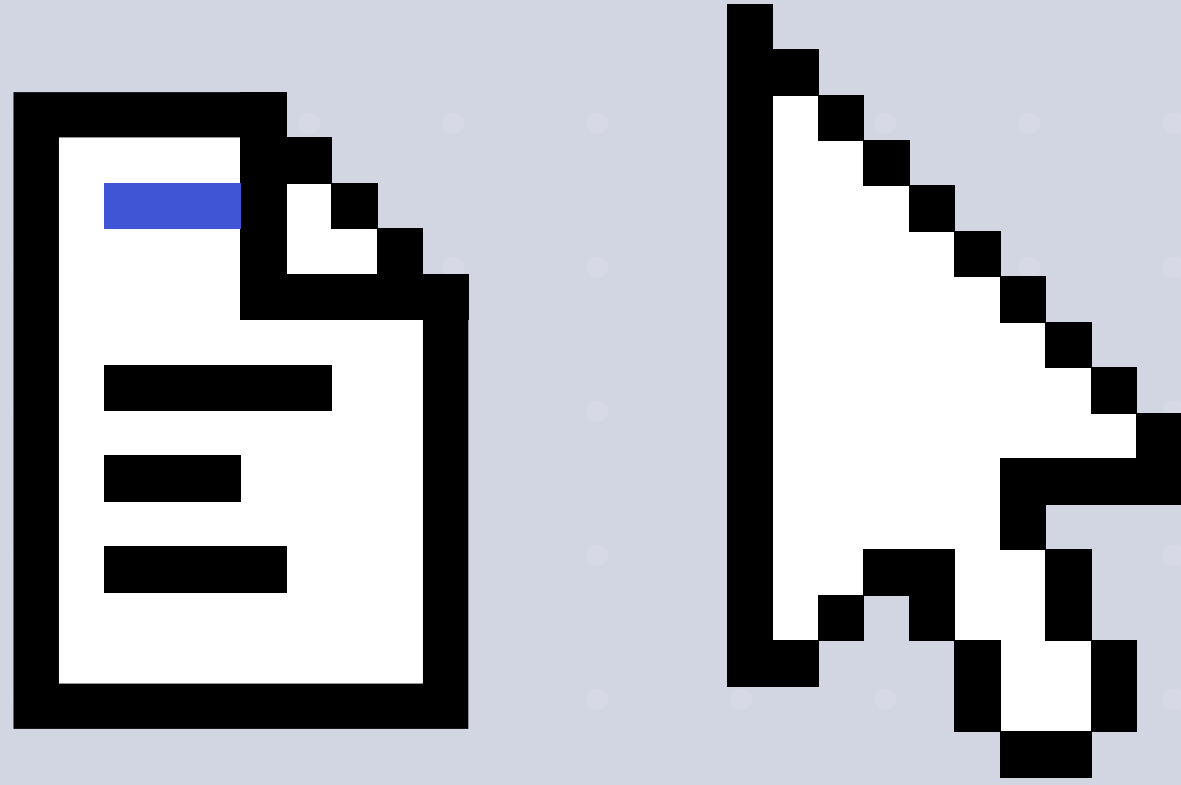
6. Visual inspiration, sketch & experiment

Make it a feast for the eyes! Your target audience will thank you.

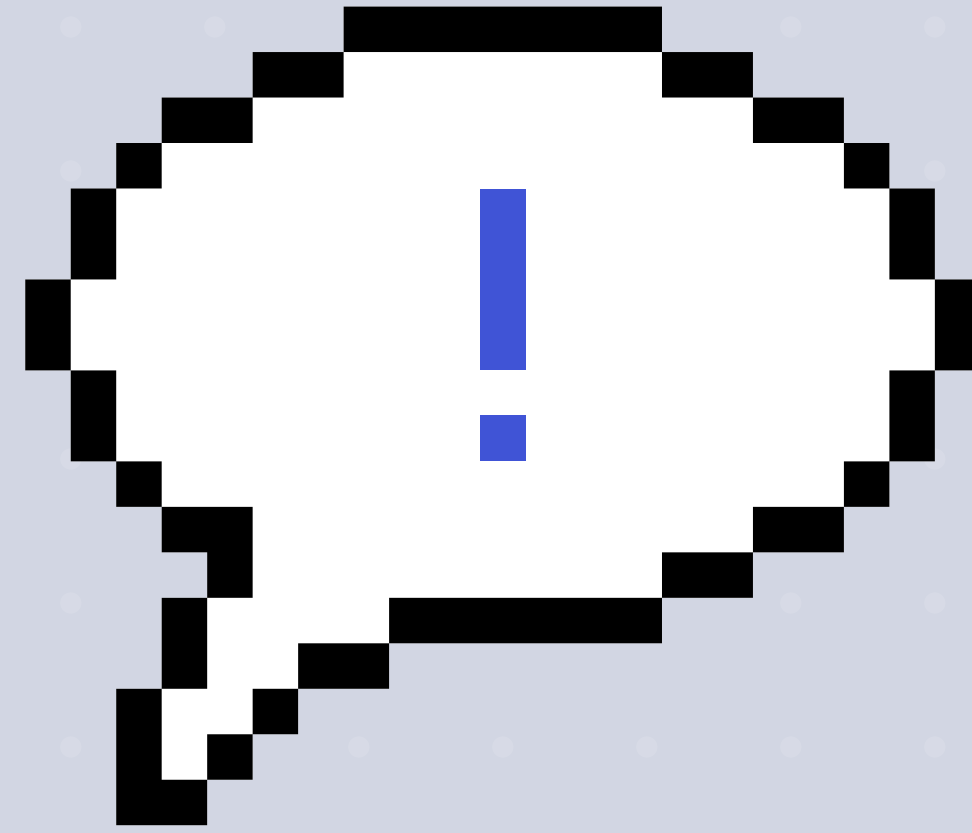
7. Guidelines & Rules

Real data will break your design. Therefore, don't design mockups, design guidelines and rules.

Design deliverables and a few take aways



Deliverables

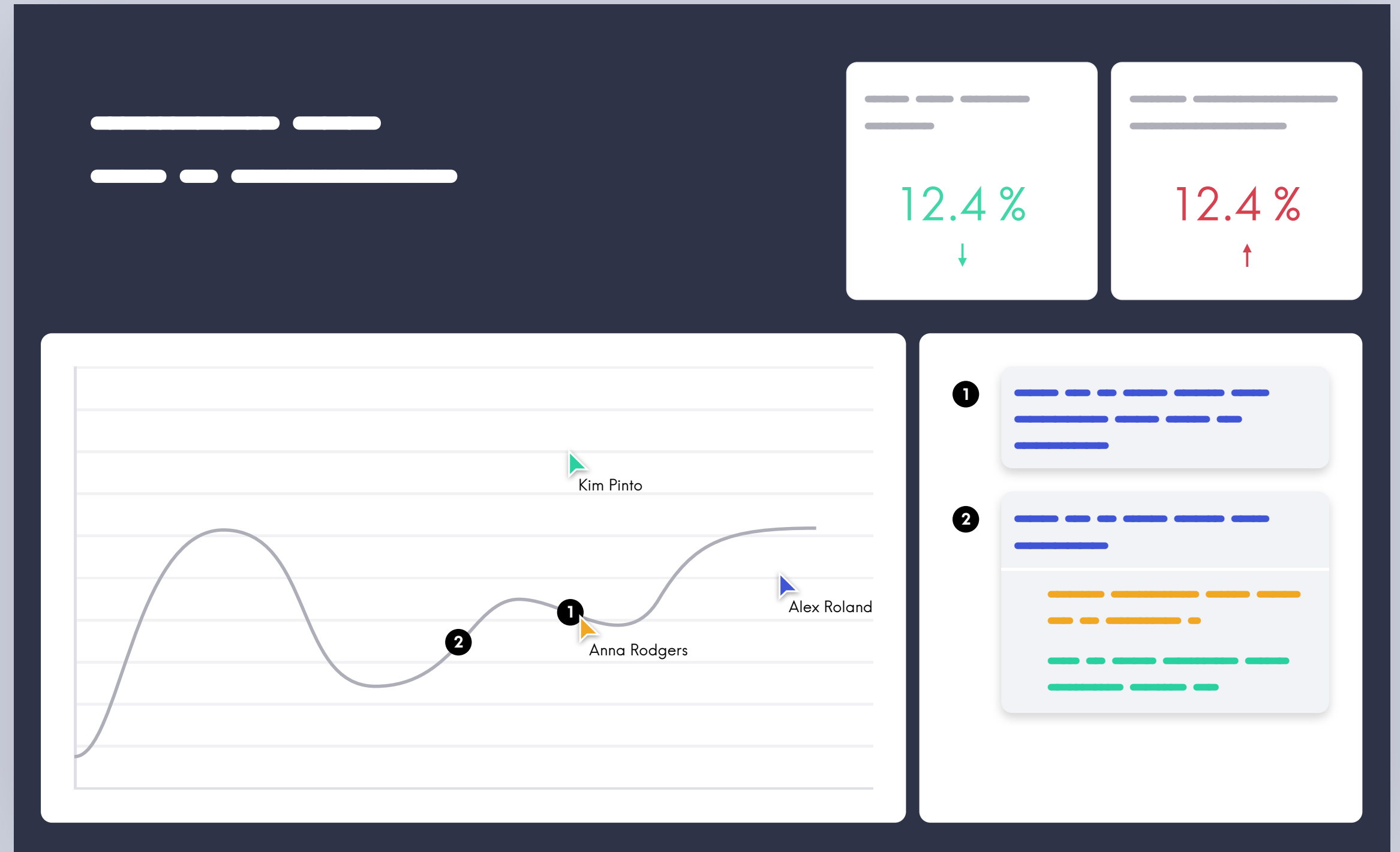


Take aways



Collaborative Dashboards

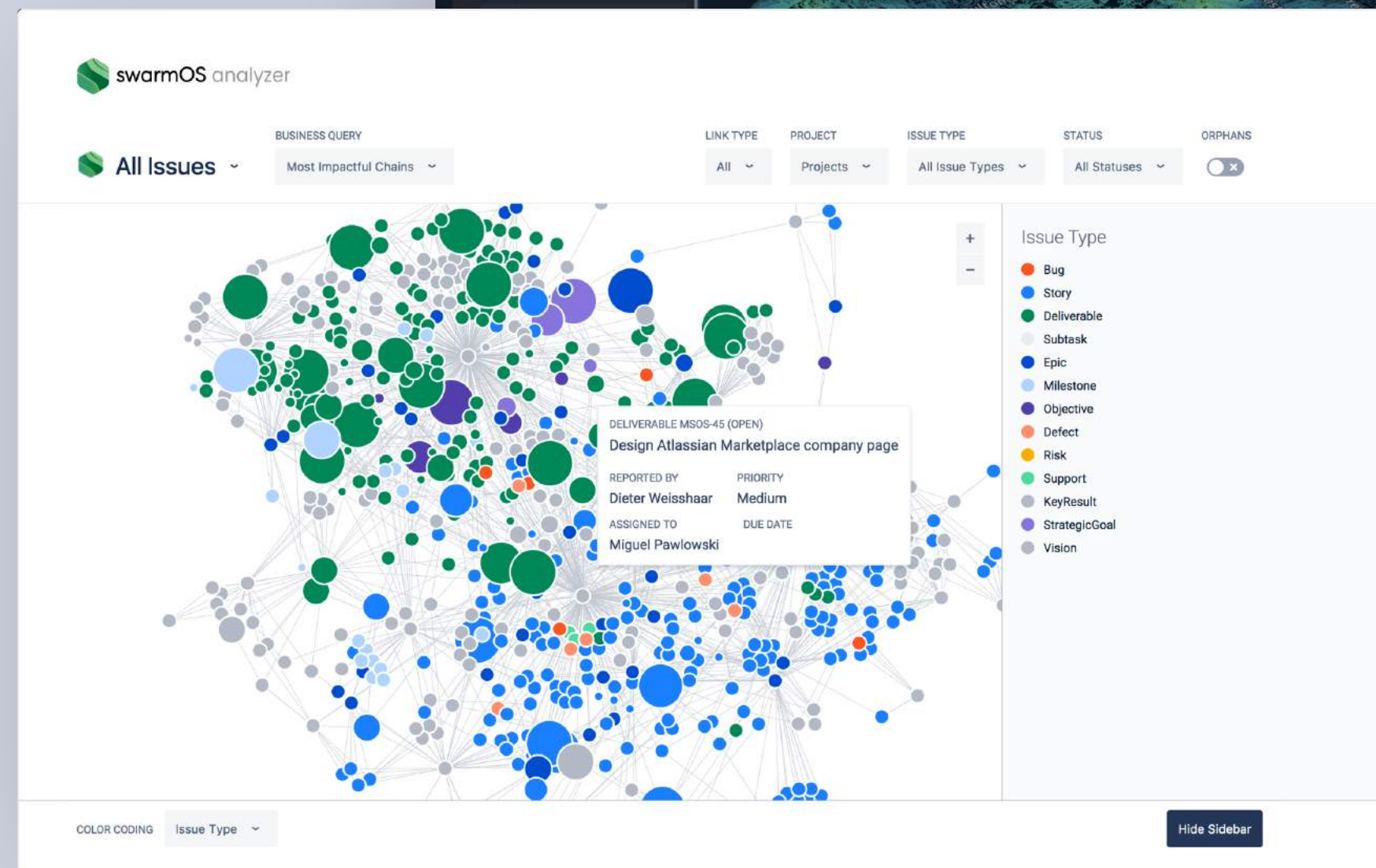
Go away from dashboards being only exploratory and make them explanatory.





Exploratory Interfaces

Give users full rights. Understand the extend of their data and build a flexible interface.

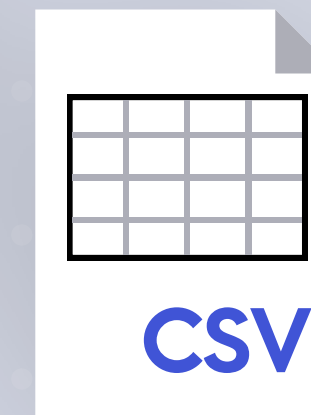




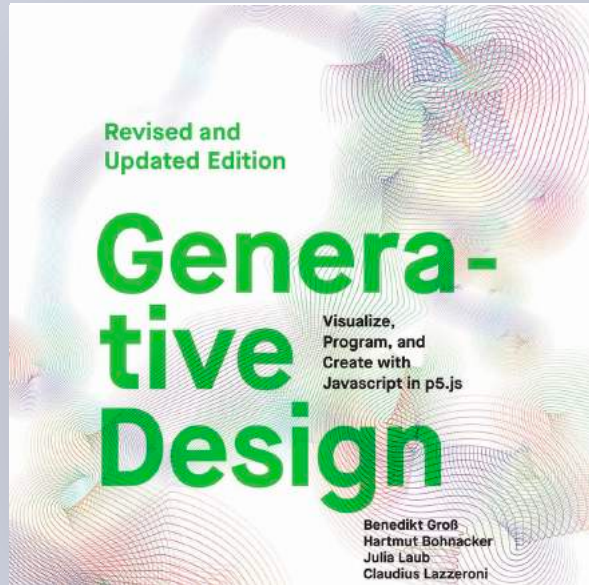
Let people continue their story

In data related projects your tool won't be the ultimate solution. Understand all further needs of the users as well.

Download

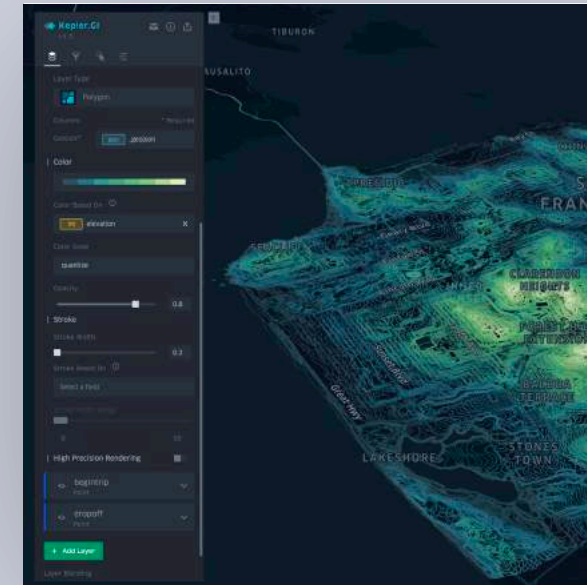






Generative Design

Book by Benedikt Groß,
Hartmut Bohnacker, Julia Laub,
Claudius Lazzeroni



kepler.gl

Geospatial Webtool by Uber
(open-source)



Data Stories

Podcast by Enrico Bertini and
Moritz Stefaner



P5.sketchplugin

Sketch-Plugin by Jacopo Colò



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