

project 2

week 3

designing for the public space

with Martha & Marieke

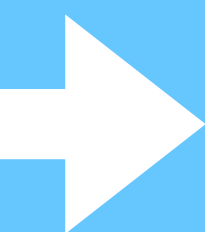
WEEK 3 - ASSIGNMENT 3a:

from 2D to 3D mock-up

Once you have explored concrete ideas on paper, you will design your 3D physical data visualisation. Decide first which will be the real location to build it. Then make a 3D mock-up before you build it in real!

Print pictures of the chosen location and use them as background when taking pictures of your mock-up; in this way you ensure others understand the context. Share those mock-up pictures together with a legenda, present them to your classmates and ask for their feedback.

Output (on the Miro board - week 3):



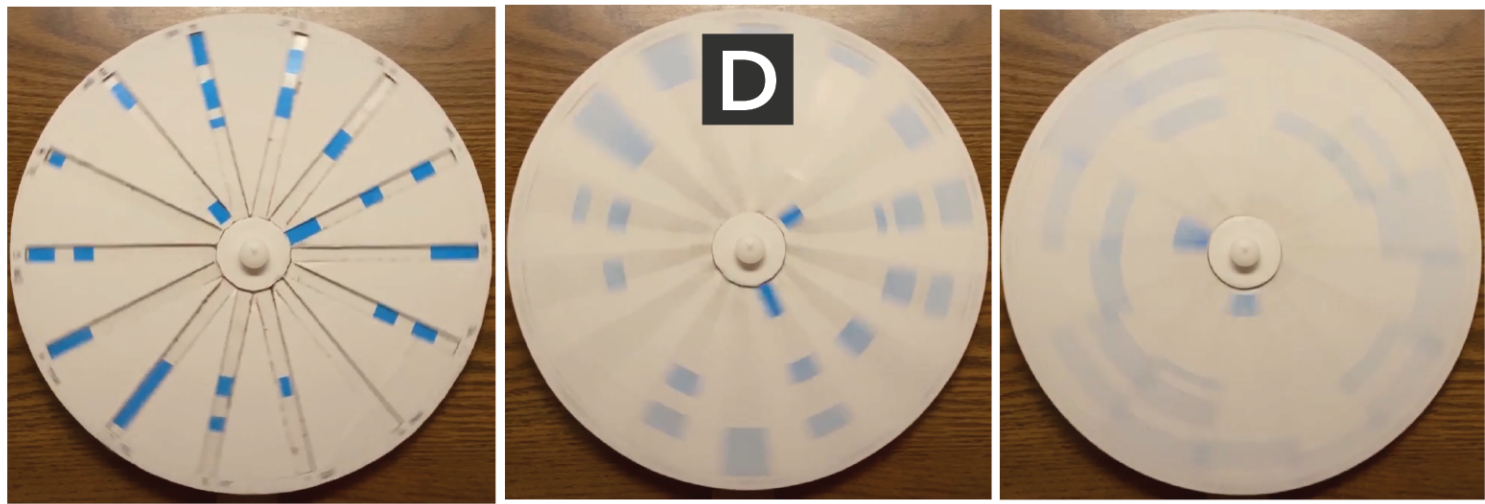
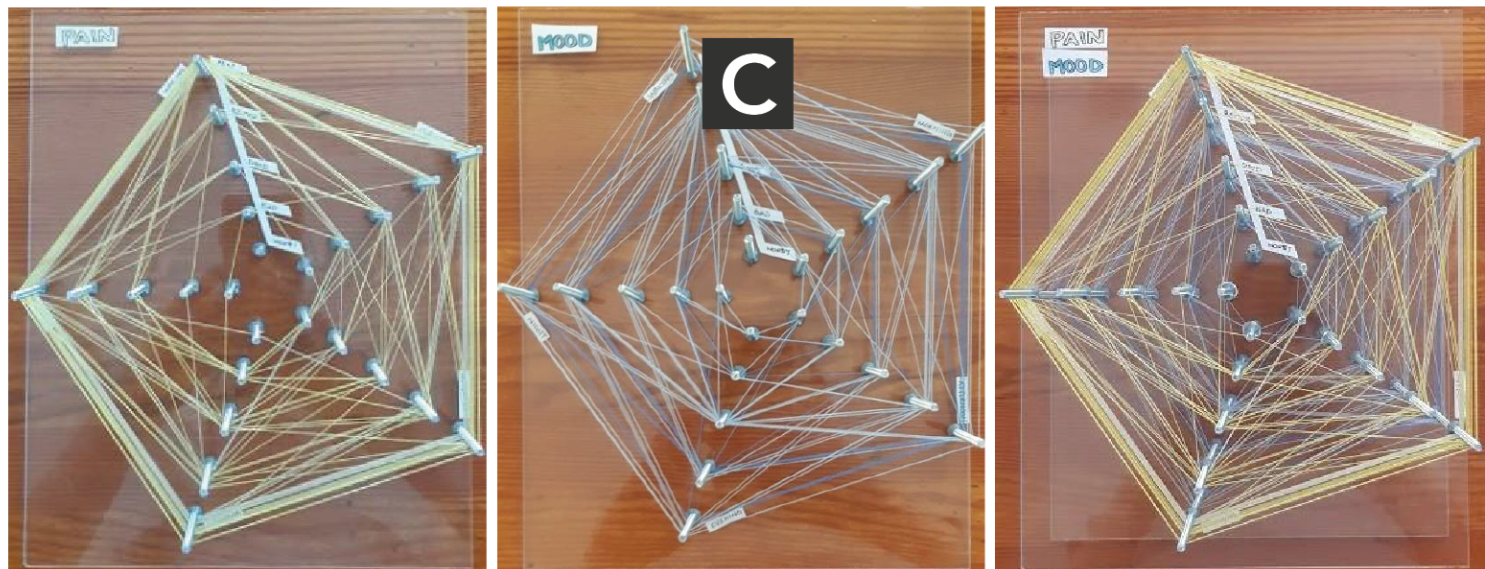
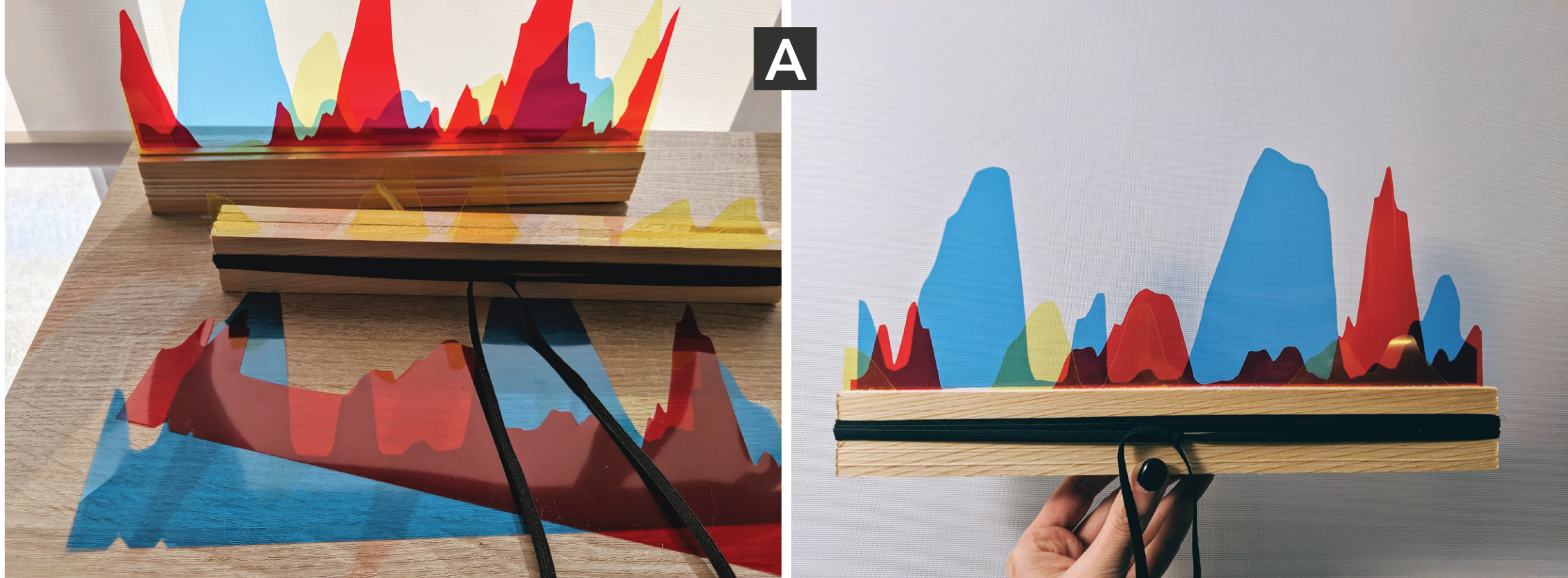
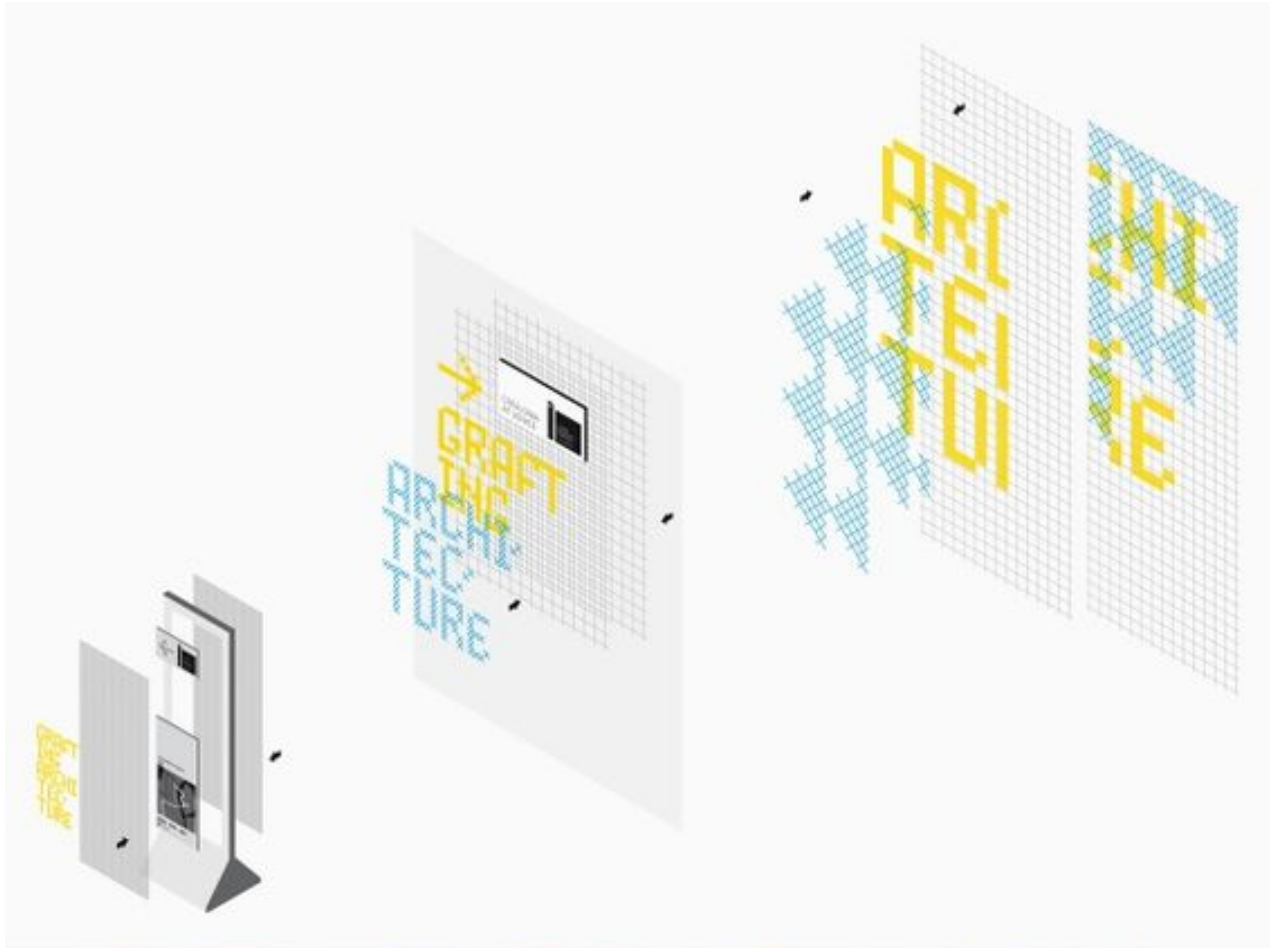
Individually: post pictures of the 3D mock-up of your data visualisation and the belonging legenda. If you have questions or want feedback on your work, you can meet-up online with us during the feedback hours.

DRAW THE FINAL PICTURE

After sketching and testing ideas for a data-drawing, you'll find an approach that works. Then create your drawing, ensuring it includes all the tiny details, trying to make it as beautiful (and as understandable) as you can.



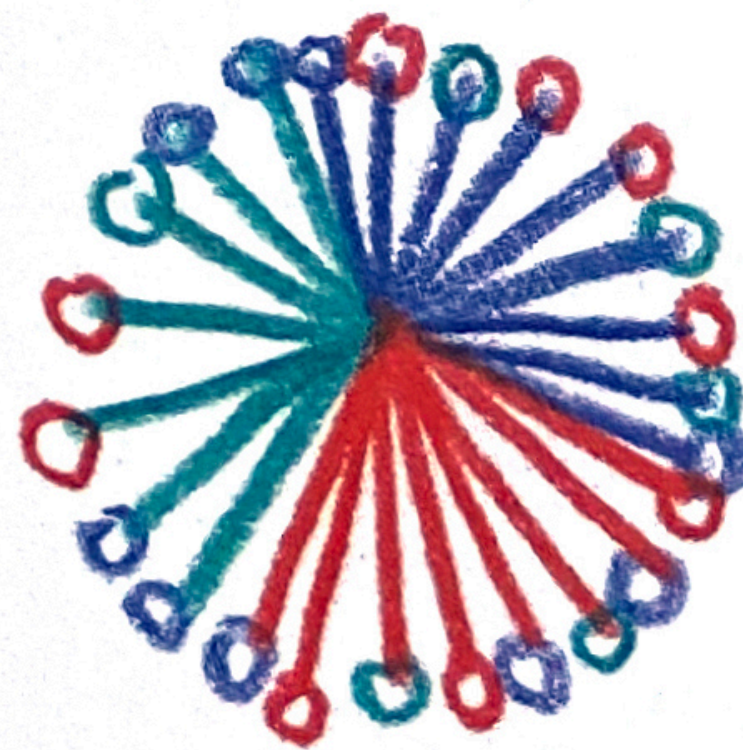
From 2D to 3D mock-up



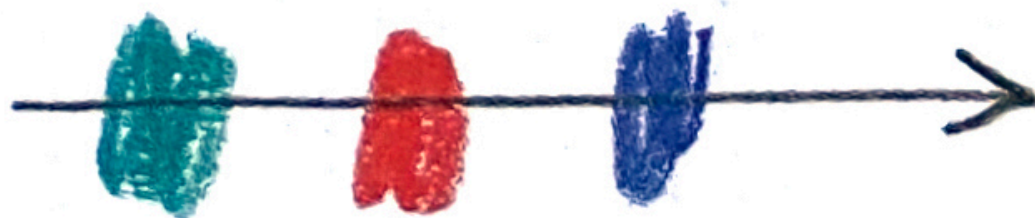
Source illustrations: List of physical visualizations and related artifacts
<http://dataphys.org/list/perin-class/>

DRAW THE LEGEND

Creating a legend starts with a question: "What does someone need to read my data-drawing?" In the legend, every design element that represents data is listed so the reader understands what everything means.



ALL DESIGN
ELEMENTS



HOW TO READ IT:

EACH  REPRESENTS A...

EACH  REPRESENTS A...

EACH COLOR REPRESENTS...



WEEK 3 - ASSIGNMENT 3b (final steps):

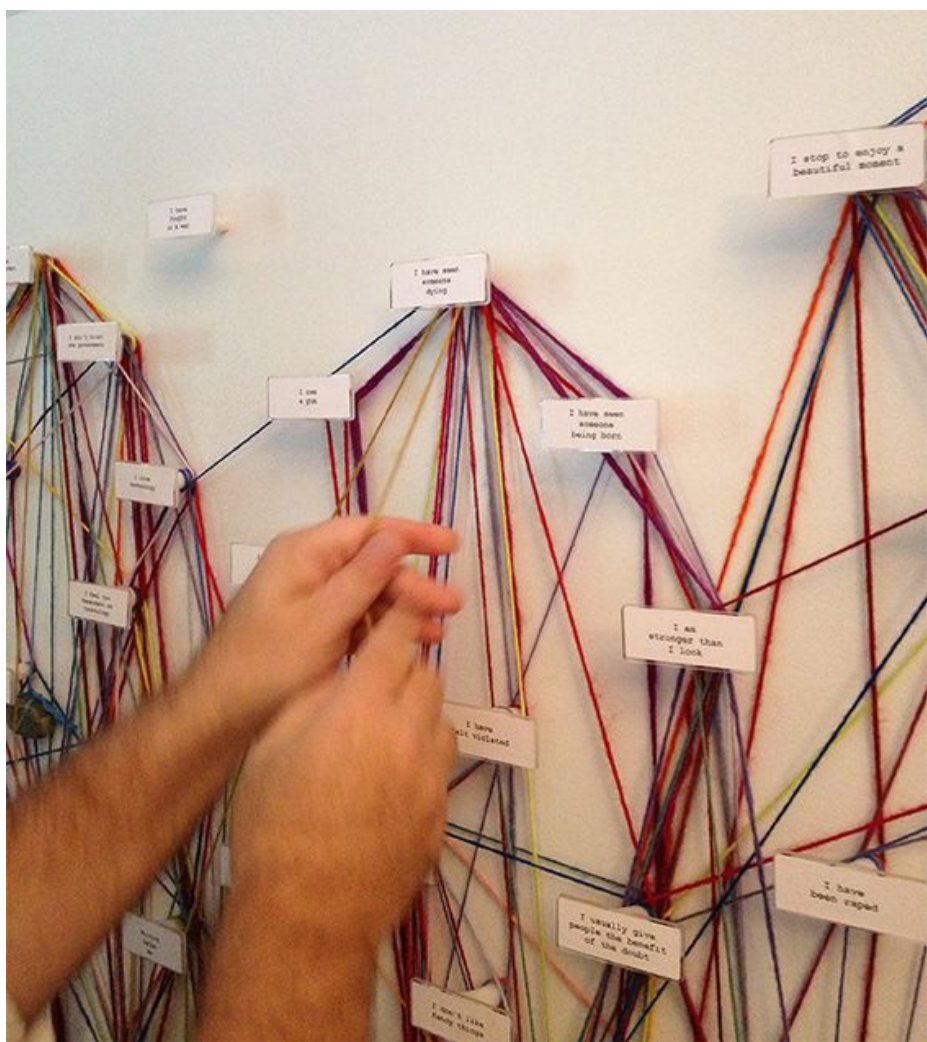
built it in the public space and document it in a film

Built your physical data visualisation in the real location and make a mp4 film (maximum 3 minutes) showing your final physical data visualisation in context. Your film should give as complete impression as possible to other students (self explanatory): film if possible also the public around your physical visualisation, and make use of voice-over and sound environment.

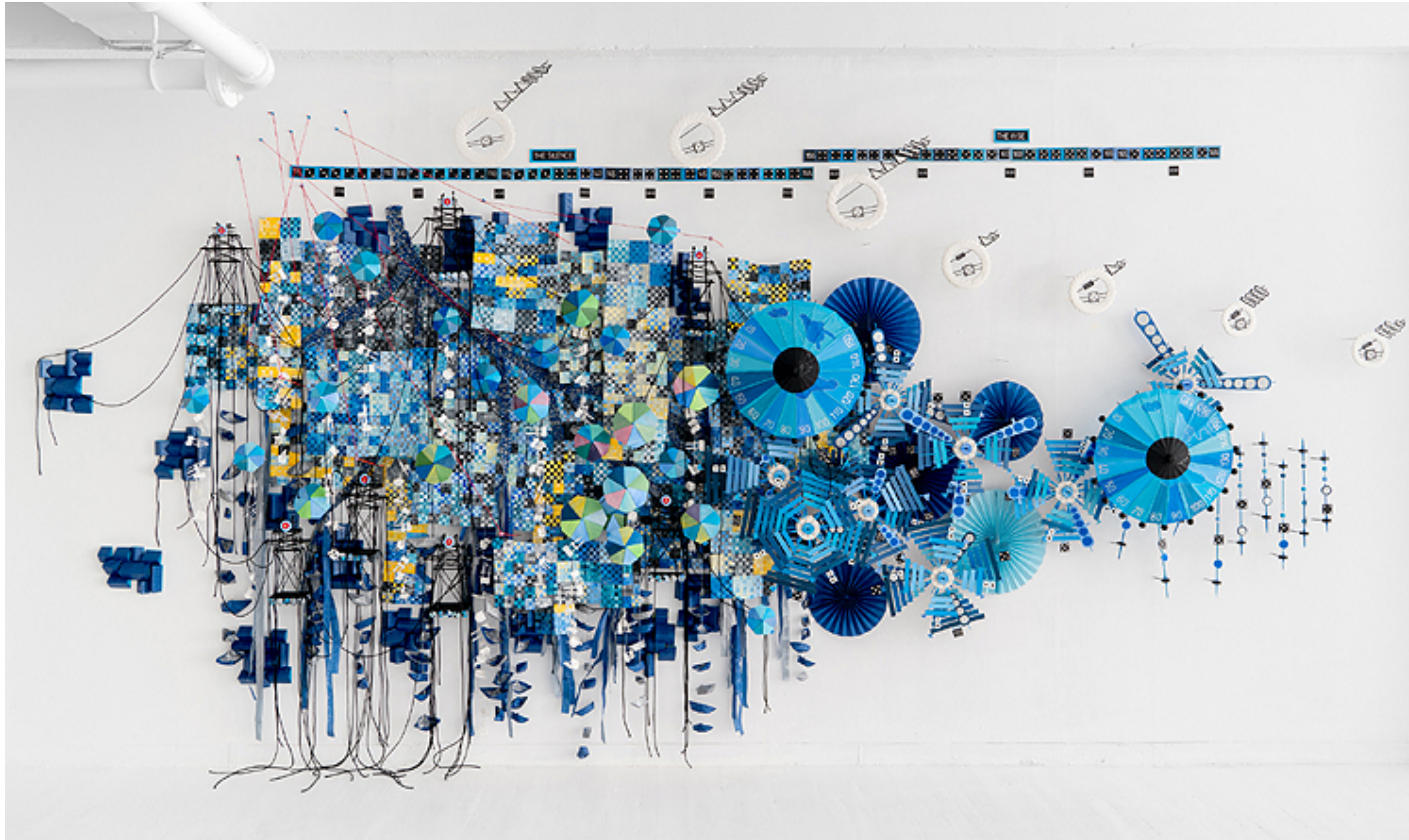


Output (on the Miro board - week 3):

Individually: post pictures of your real physical data visualisation, built in public space.



More examples of physical visualisations:
<http://dataphys.org/list/>



"This is a story about Hurricane Maria – about the fierceness of the wind and rain, about the data silence as all electrical systems broke down, about the vastly underestimates death toll, about rebuilding and about people leaving the Puerto Rico. The piece combines weather and other numerical data with anecdotal information from news reports about the aftermath of the storm.

This piece was written in conjunction to a musical score that uses the same base material as the wall piece. Read from right to left, it begins with lots of wind data, which comes to crescendo as it hits Puerto Rico, represented by an unraveling quilt."

Photo Credit: Jean-Michael Seminaro

The Burden of Every Drop (2018)
17'x10'x2'. Wood, Paper, Rope, Data
Nathalie Miebach
<https://nathaliemiebach.com/floods.html>





Watch as inspiration: Art made of storms (04:03)
https://www.ted.com/talks/nathalie_miebach_art_made_of_storms/




WEEK 4

MONDAY April 25th

15:00 - 16:00 (CEST) > extra feedback
to students from Ghana, Turkey and Romania

16:00 - 17:00 (CEST) > extra feedback
to students from Mexico and Canada

 Amsterdam, Netherlands CEST (UTC +2)	Mon, 25 Apr 2022	15:00
 Accra, Ghana GMT (UTC +0)	Mon, 25 Apr 2022	13:00
 Istanbul, Turkey TRT (UTC +3)	Mon, 25 Apr 2022	16:00
 Bucharest, Romania EEST (UTC +3)	Mon, 25 Apr 2022	16:00







 Amsterdam, Netherlands CEST (UTC +2)	Mon, 25 Apr 2022	16:00
 Mexico City, Mexico CDT (UTC -5)	Mon, 25 Apr 2022	09:00
 Toronto, Canada EDT (UTC -4)	Mon, 25 Apr 2022	10:00

WEEK 4

TUESDAY April 26th

14:00 - 17:00 (CEST)

> online international End show

	Amsterdam, Netherlands CEST (UTC +2)	Tue, 26 Apr	14:00
	Mexico City, Mexico CDT (UTC -5)	Tue, 26 Apr	07:00
	Toronto, Canada EDT (UTC -4)	Tue, 26 Apr	08:00
	Accra, Ghana GMT (UTC +0)	Tue, 26 Apr	12:00
	Istanbul, Turkey TRT (UTC +3)	Tue, 26 Apr	15:00
	Bucharest, Romania EEST (UTC +3)	Tue, 26 Apr	15:00

Final output of the class:

A set of films documenting the physical data visualisations on their specific context to be shared on the CCDV minor's website.