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## Tangible Statistics

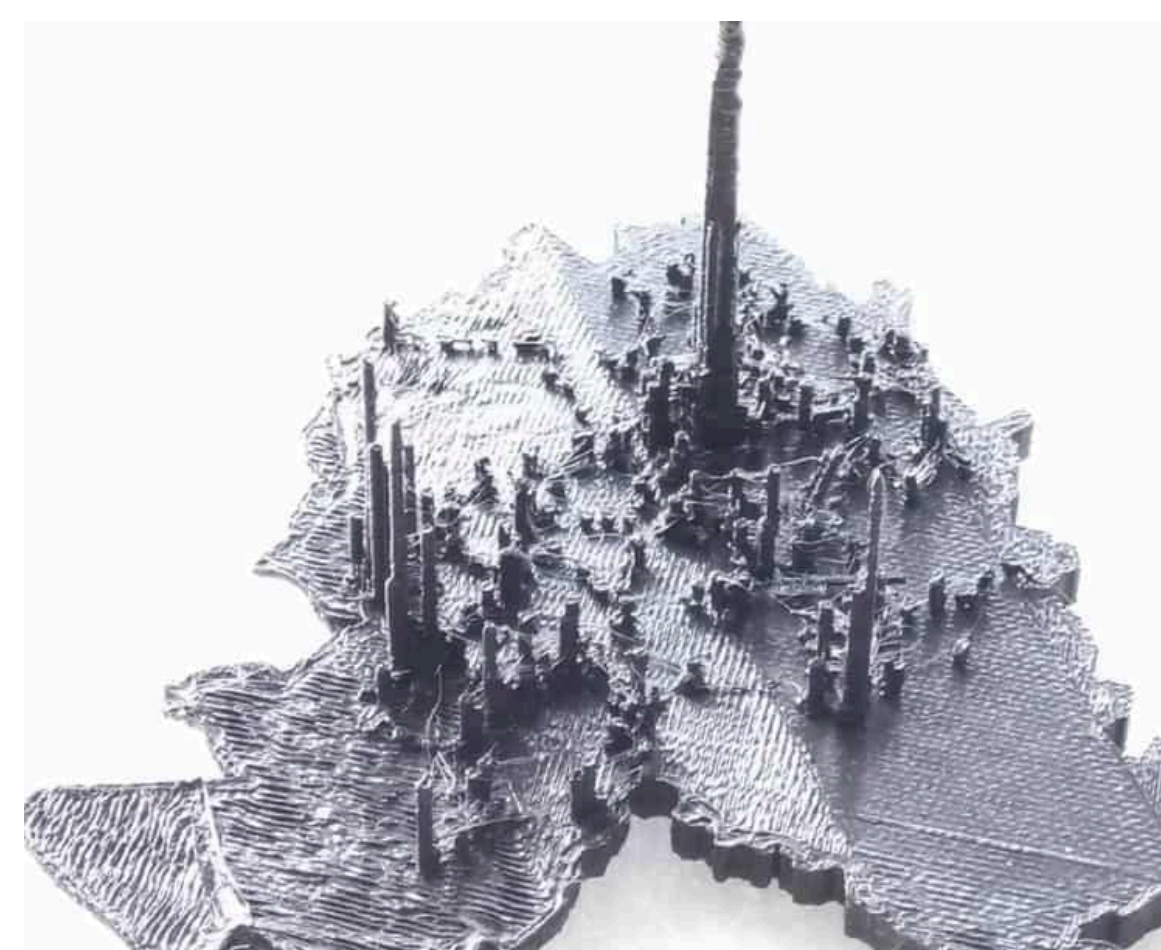
### DATA PHYSICALIZATION

There's little use for data if you can't communicate and engage with it

- DATA to **UNDERSTAND** - Data for **ACTION**
- Designing innovative **MULTISENSORIAL DATA EXPERIENCES**
- Empowering digital citizenship --> Using **FREE DIGITAL TOOLS**
- Embracing **INCLUSION** & different **LEARNING STYLES** -> **CREATIVITY**



VIDEO



### 3DPRINT GEOREFERENCED DATA

- 3D printed maps with any georeferenced data
- Empowering **Data Journalism**
- Enhanced by Augmented Reality (AR)

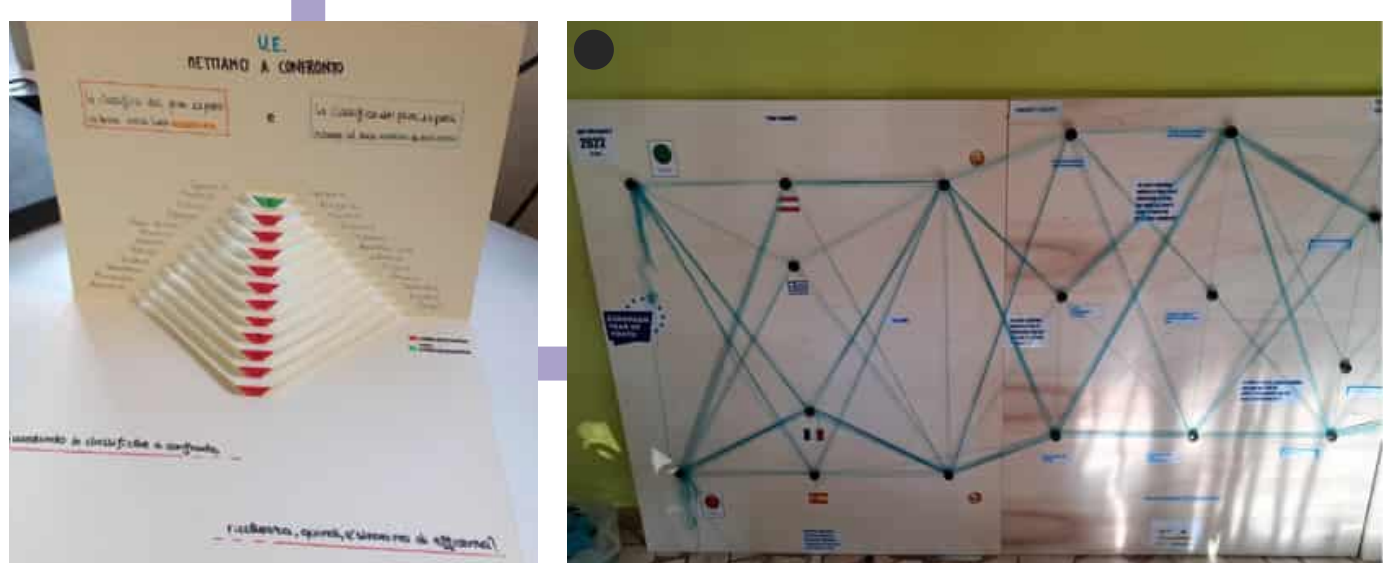
     **SCAN the QR code**



### DATA TO TOUCH

- **Touch and Haptics** add a new dimension to knowledge
- Beyond the Screen: **Kyristatistics** for deeper insights.
- Community Powered: making **Statistics** a **Participatory** sport.

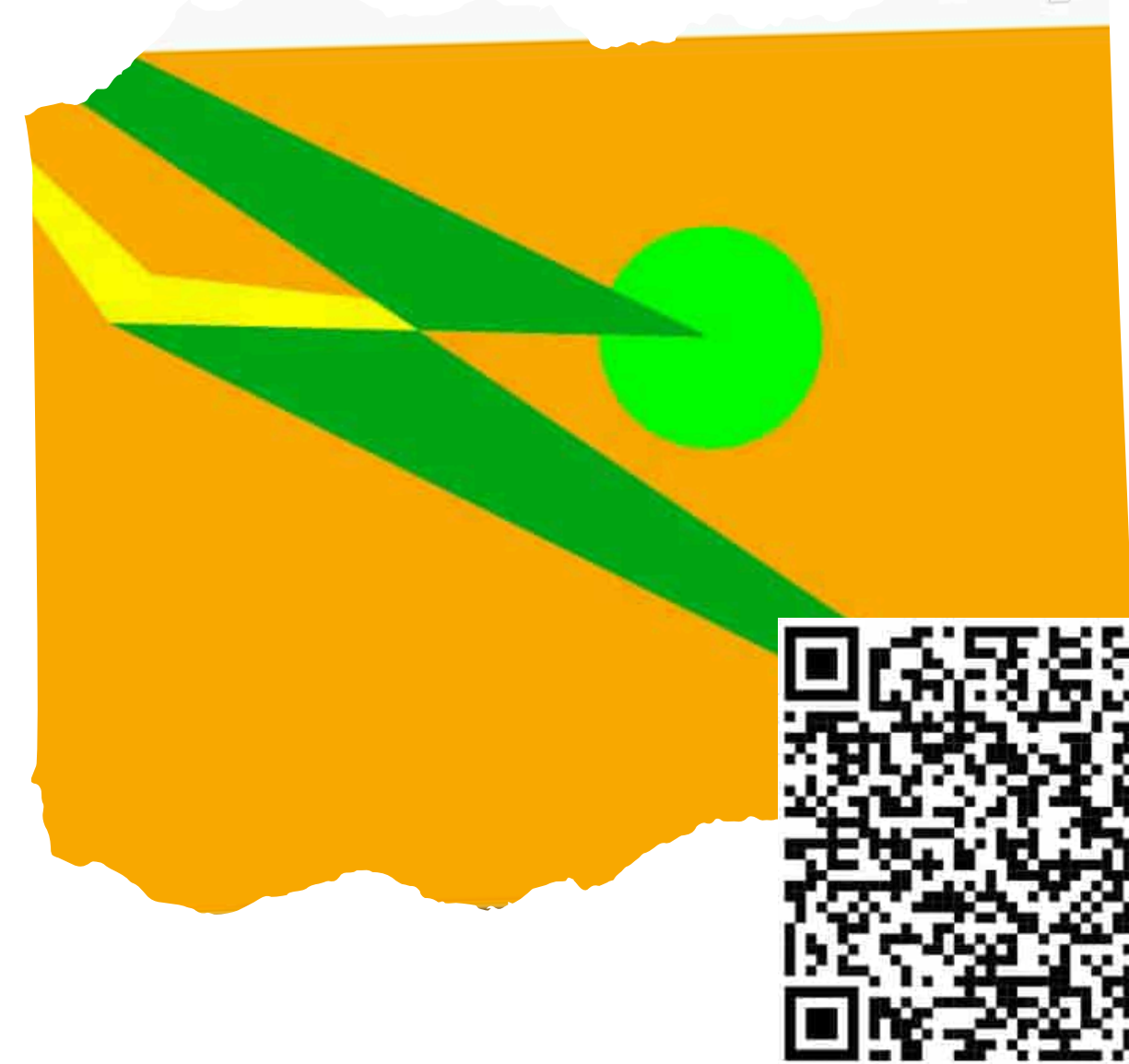
GeoGebra



### INTERACTIVE DATA ART

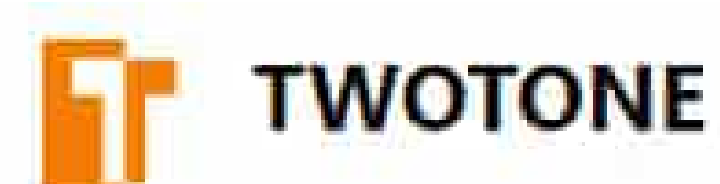
- Data is beautiful: the **Aesthetics of Data**
- Enhancing **Imagination** and fostering innovative thinking.
- Collaboration between **STEM & the Arts**.
- Using **Processing + Arduino** to visualize sensors data flow

**SCAN the QR code to watch**



### DATA SONIFICATION

- **Stirring Emotions**
- **Revealing Patterns**
- Addressing **Complexity** through senses
- Enhancing **Accessibility**



Making **DATA UNDERSTANDABLE - ENGAGING - ACTIONABLE**

Resources 



<https://rb.gy/g12mu4>

*In the era of data overload, Data Physicalization turns complexity into clarity, breaking down barriers between subjects and enhancing students' Data Literacy essential for thriving in the 21st century.*