

Variable.io

New ways of experiencing data

By Luka Ross & Audrey Coulombe

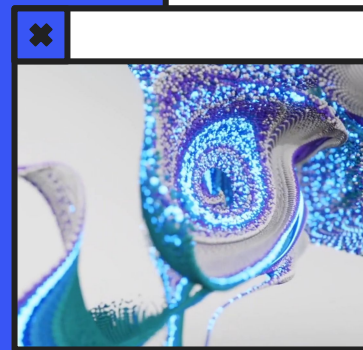


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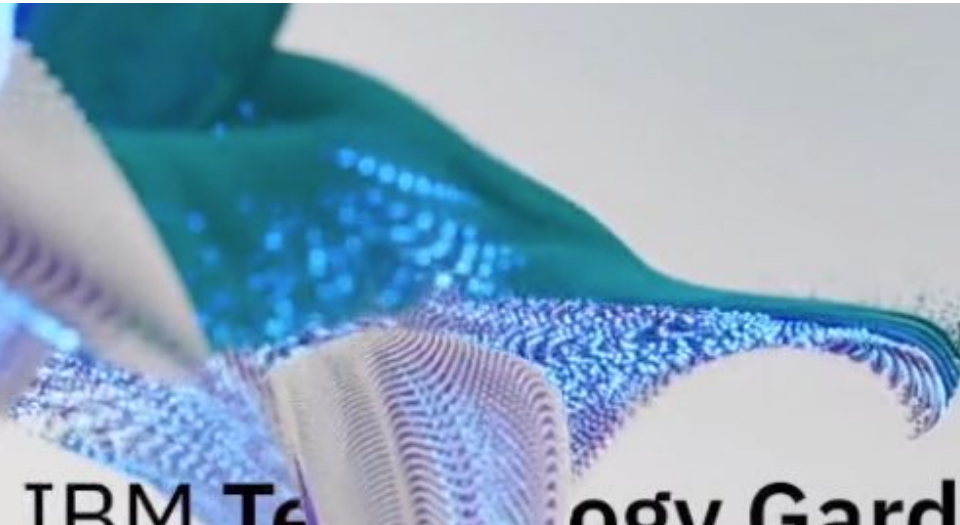
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Open questions

Who are Variable?

- Founded in 2012
- Based in London, UK
- Work with various brands

“We are a digital studio based in London working globally with brands, research groups and organizations on new ways of experiencing data; from concept ideation and art direction, to prototyping and production.”



Core team



Marcin Ignac

Founder & Creative Lead

“I find beauty and inspiration in structures of biological organisms, in patterns emerging from data and complexity of computer algorithms.”



Damien Seguin

Tech Lead & Computational Designer

“My interest in computer graphics, generative art and data visualization is driven by an insatiable thirst for knowledge.”



Variable's mission

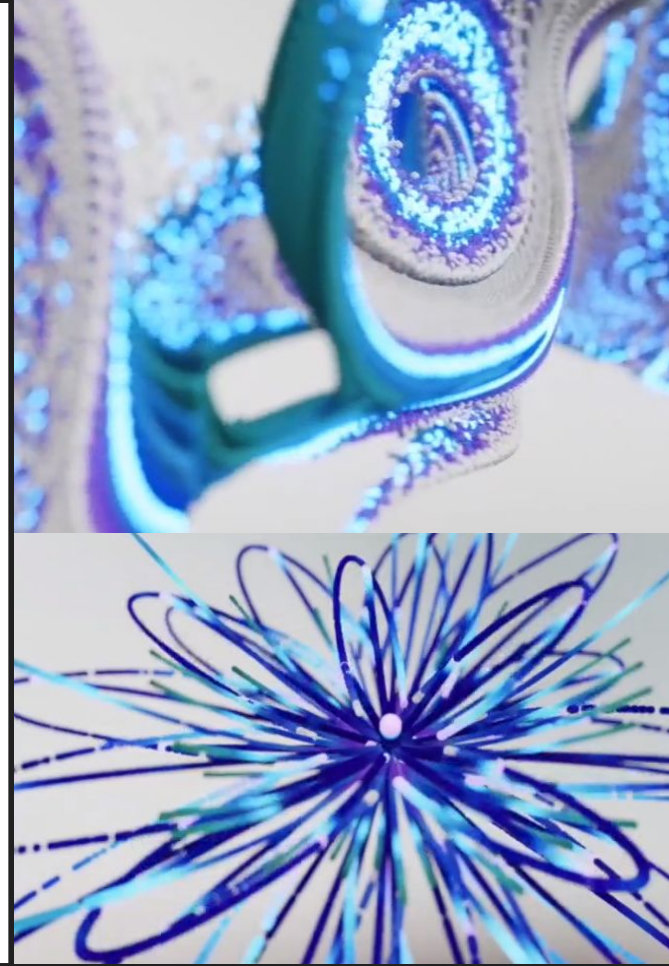
Creating new ways of experiencing data and understanding complex systems.

Variable x IBM

Technology Garden

- Commission from the IBM Wimbledon Tennis Tournament
- Data: match statistics, weather forecasts, cyber attacks, website interactions.

<https://variable.io/ibm-technology-garden/>

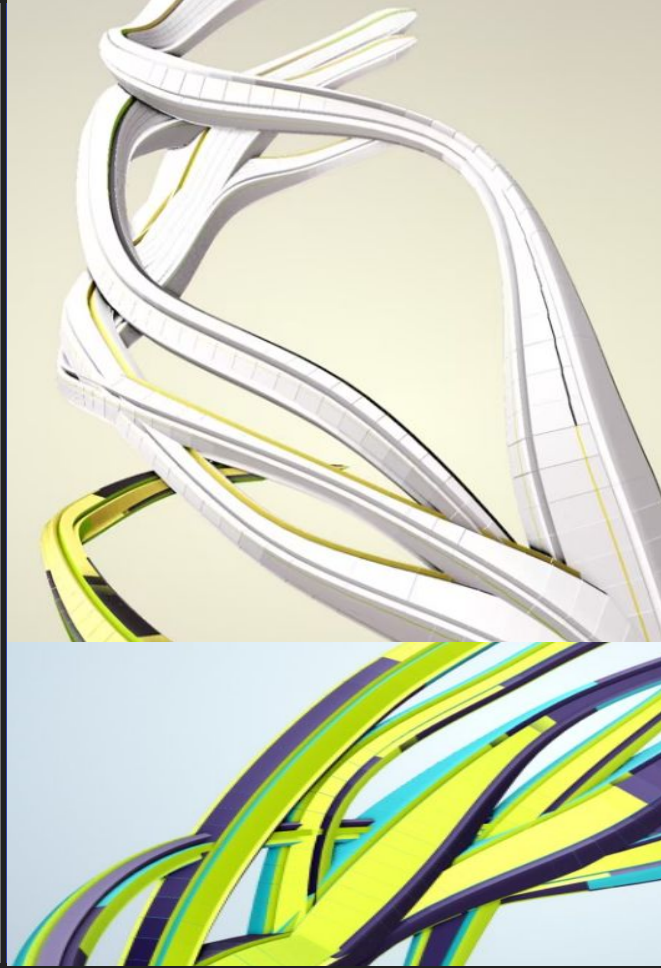


Variable x Nike

Fibers

- Commission from the Nike for the *We Own The Night* - Nike Women's 10KM run
- Data: Seven days of training from seven different participants.

<https://variable.io/fibers/>



Marcin Ignac

You are I/O

- The You are IO project is a series of artworks that seek to understand our metadata and algorithmic identities.

<https://variable.io/you-are-io/>



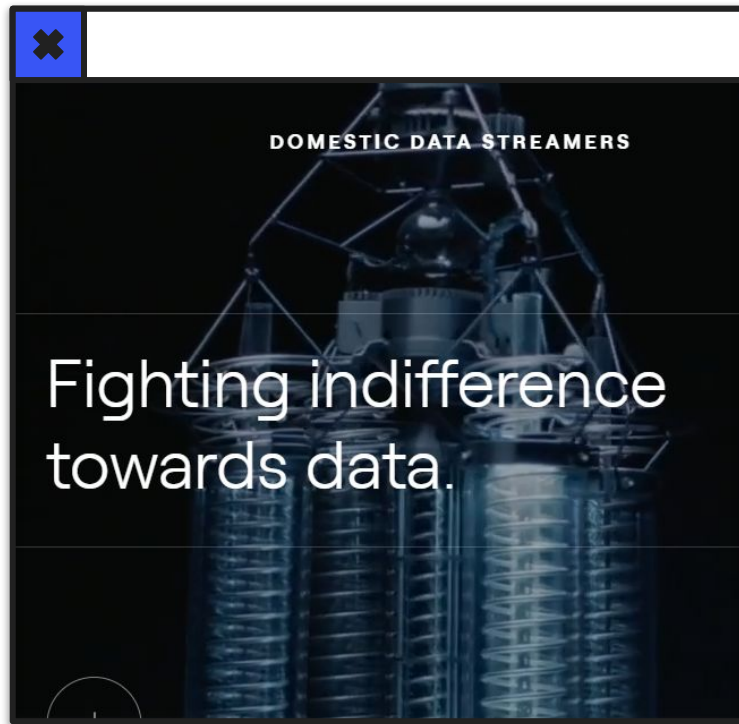
Domestic Data Streamers



“Design and research studio working for organizations to build change using data and arts”.

“Founded in 2013 with a simple idea: That the world couldn’t be understood without numbers, but it wouldn’t be understood with numbers alone.”

“We believe that any meaningful **interchange of information** between people needs to carry **emotions, experiences** to create knowledge or change.”





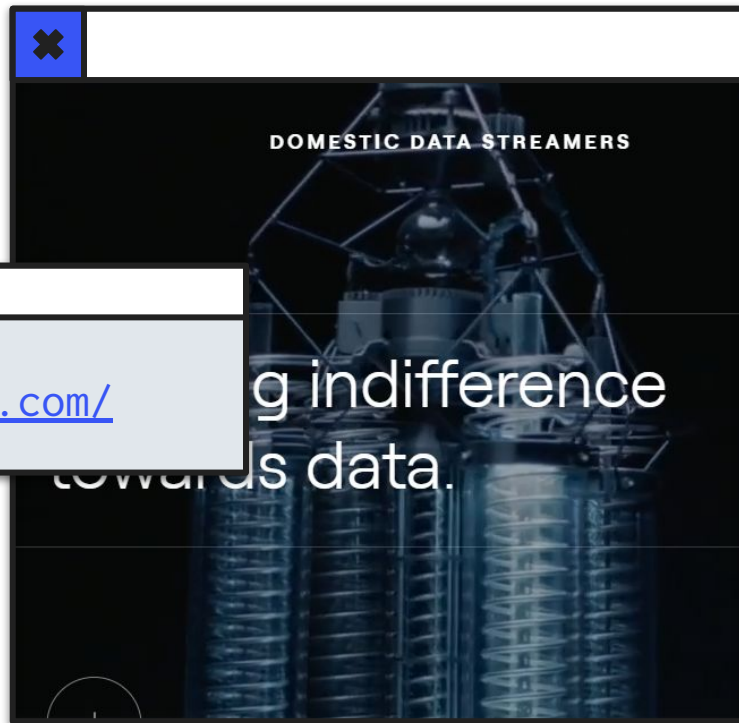
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<https://domesticstreamers.com/>





“Mainly focused on turning Excel spreadsheets into erotic lyrics.”

twitter.com/domesticstream

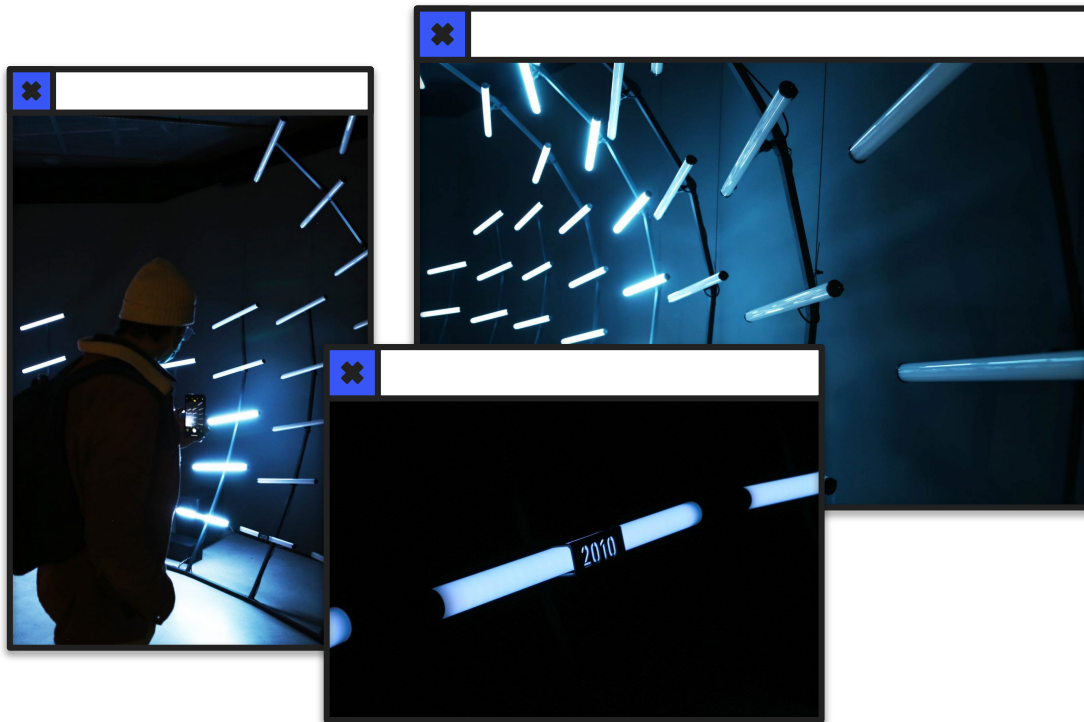


“Accelerating” made for “The Great Imagination”

Exhibition: “an invitation to have better conversations about the future.”

Represents the growing interest in “future”.

Based on data from Google Trends on the number of articles and news that include the term “future” (from 2008 to today)





Creative Decoding Tool

Creative Decoding Tool

CDT for designers

Your time: 00:08 Average: 08:06

1. I explore all the possibilities of my designs to a practical level.

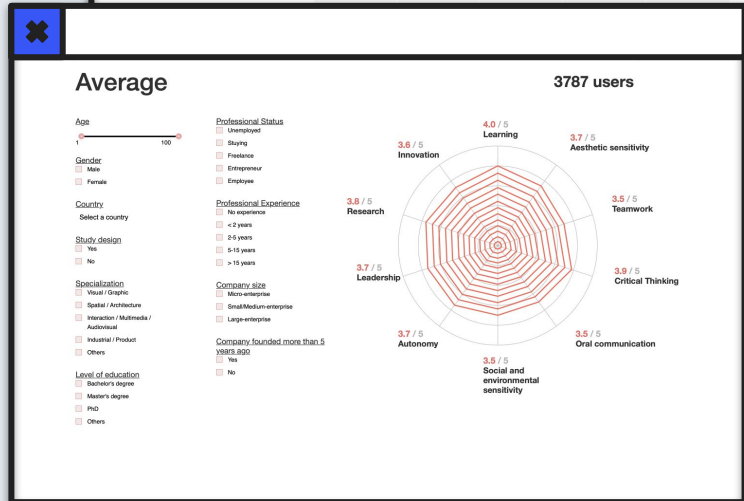
Totally disagree

Totally agree

CDT for designers

Your time: 02:31 Average: 08:06

42. My most admired designers are so because of their social and environmental awareness.





Creative Decoding T

<http://www.decsproject.net/realtime/>



Creative Decoding Tool

CDT for designers

Your time: 00:08 Average: 08:06

1. I explore all the possibilities of my designs to a practical level.

Totally disagree

Totally agree



Average

3787 users



50

completed



Creative Decoding Tool

<http://www.decsproject.net/realtime/>

domesticstreamers.com/projects/creative-decoding-tool/

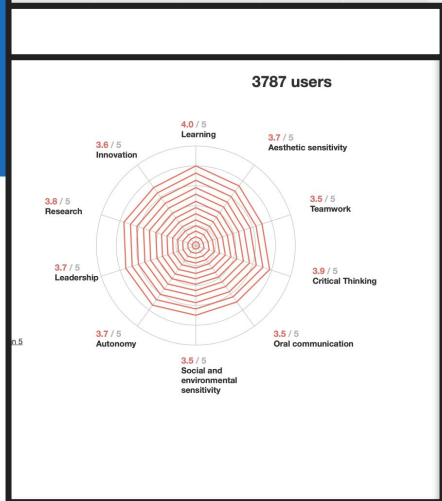
Decoding human qualities

Do you think human qualities should be measured?

Number of answers: 105

Better not to
34%

I'd like to know how
good or evil I am
66%



David Bowen



Studio artist & educator

Associate Professor of Sculpture and
Physical Computing at the University of
Minnesota

“With robotics, custom software, sensors,
tele-presence and data, I construct
devices and situations that are set in
motion to interface with the physical,
virtual and natural world.”





Wilderness (2021)

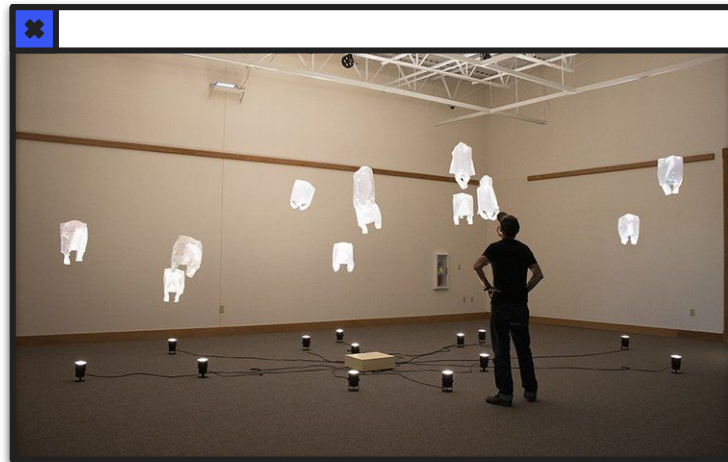
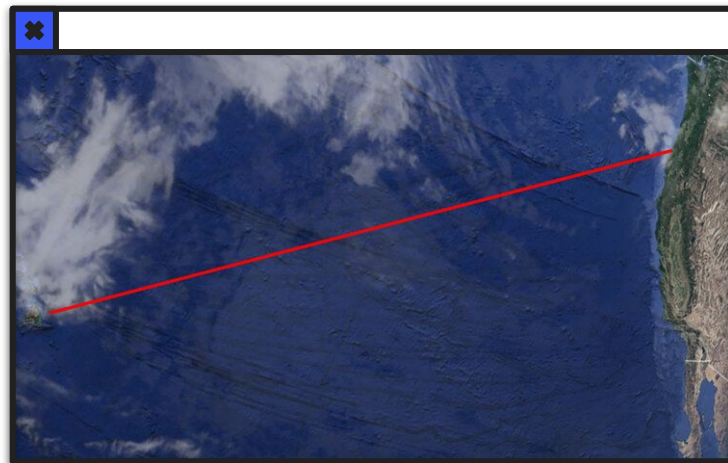
13 disposable plastic bags
“articulated by wave data”

Self-collected data

“Data for this installation was collected as artist at sea resident aboard the Schmidt Ocean Institute Research Vessel Falkor”

Bags say "Thank you for shopping with us."

<https://www.dwbowen.com/about>





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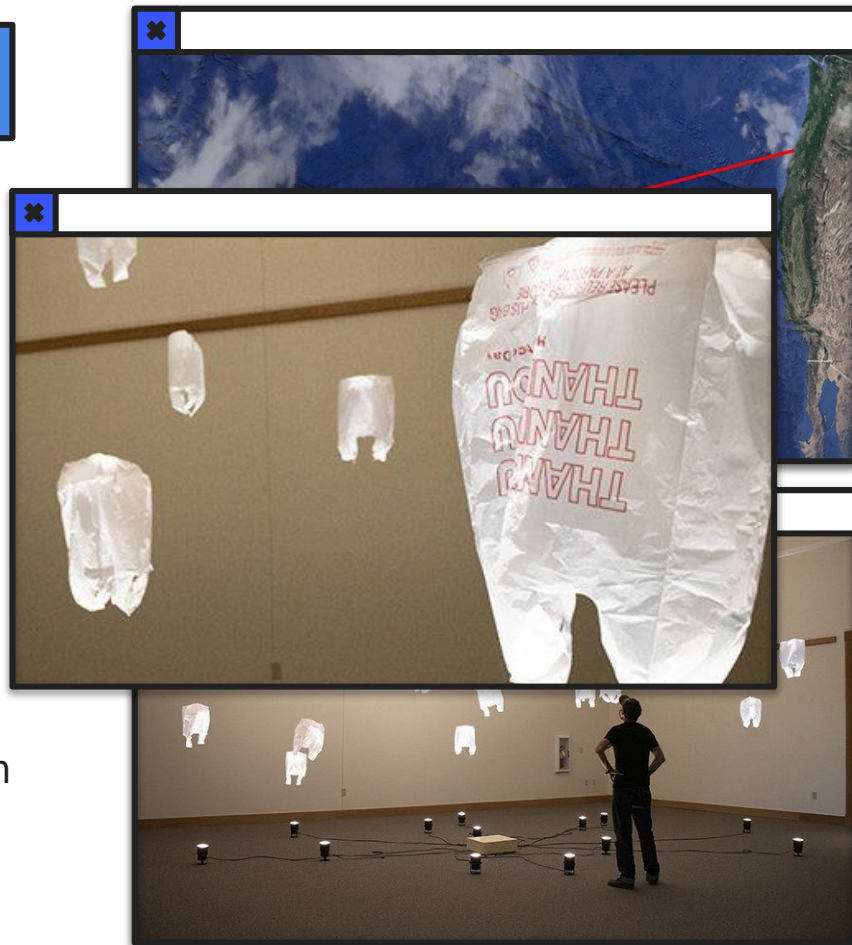
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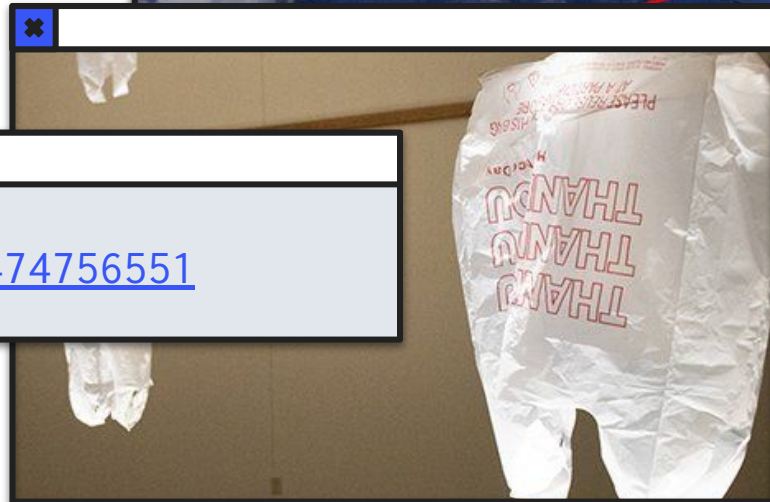
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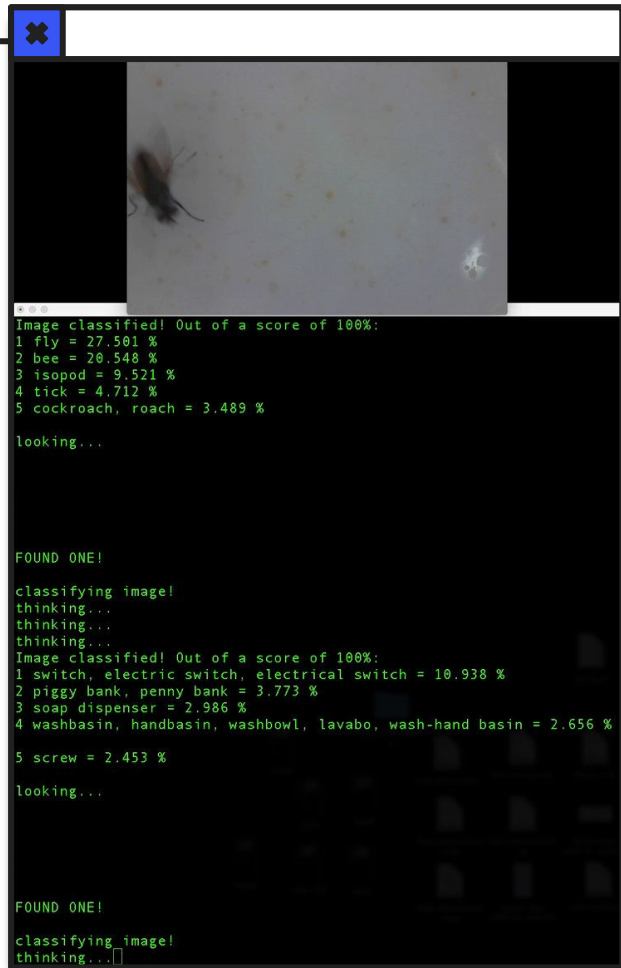


FlyAI (2016)

“Creates a situation where the fate of a colony of living houseflies is determined by the accuracy of an artificial intelligence”

“Uses the TensorFlow machine learning image recognition library to classify images of live houseflies as they fly and land in front of a camera”

“A pump delivers water and nutrients to the colony” only if the image is likely to be a fly





FlyAI (2016)

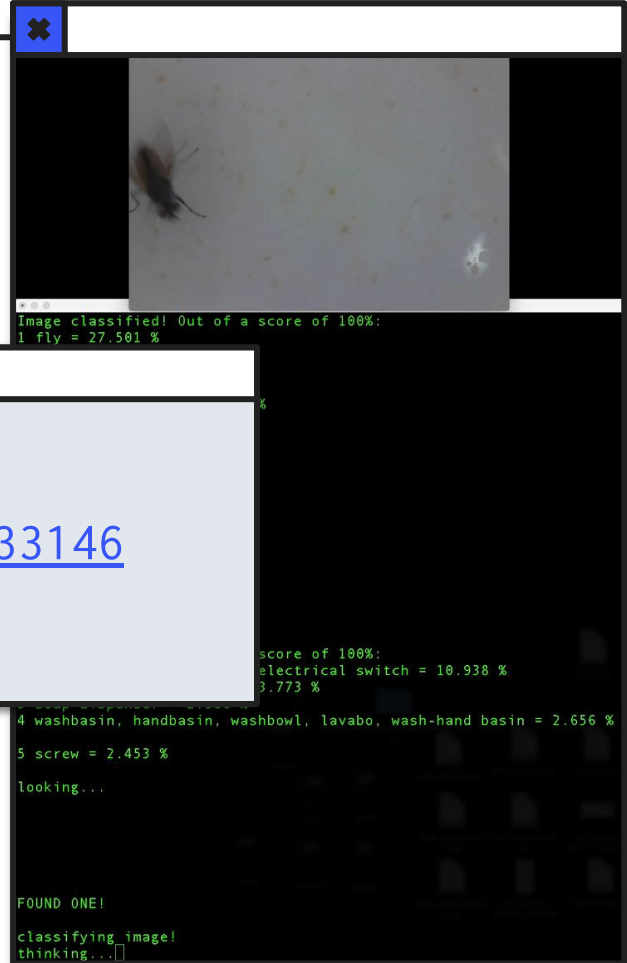
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<https://www.dwbowen.com/flyai>

<https://vimeo.com/195333146>



Questions

Are there times when art/design hinders the understanding of data?

What are some preconceived ideas about data? Can we overcome these with art?

What are the good and down sides of measuring human qualities?

CREDITS: This presentation template was created by Slidesgo,
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THANK YOU

Does anyone have any
questions?

