



# WEARABLE SELF

Your Data Jewelry

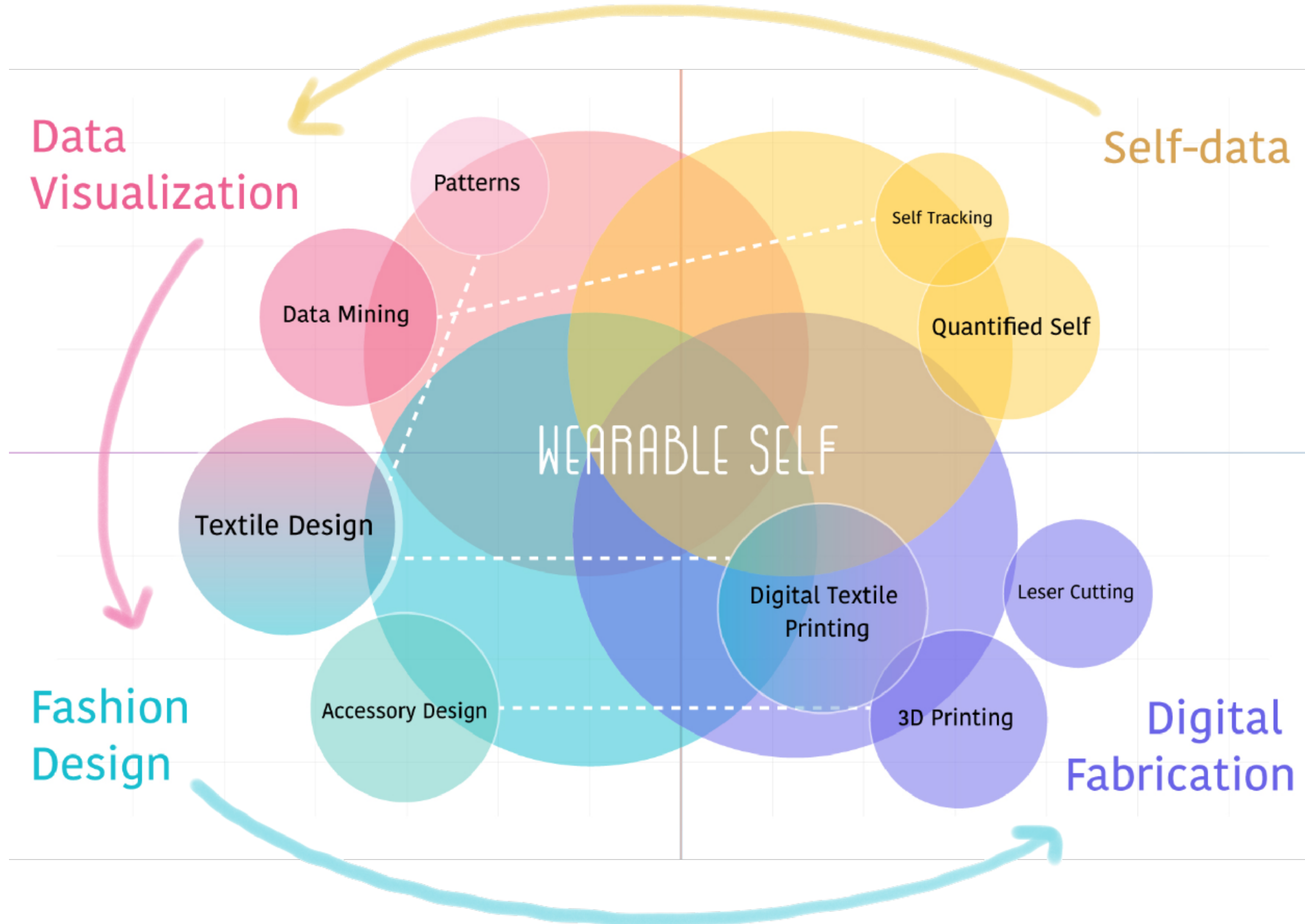


Wearable Self is a data-driven design project to create **personalized jewelry** generated by self-data, which is an attempt to make quantified self data more meaningful for individuals who use wearable devices.

Through personalization and customization, Wearable Self creates new opportunities for users to interact with their own data, resulting in meaningful, tangible objects that they can hold and wear.



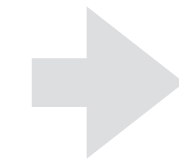
# Self Data + Data Physicalization + Fashion



Quantified Self  
Digital Self-Tracking

Self Data

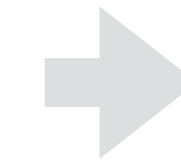
Steps, sleep cycles, Heart Rate



Data  
Visualization

Javascript

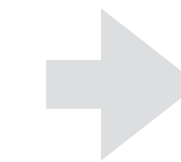
D3.js / SVG / Illustrator



Digital  
Fabrication

Laser Cut  
3D printing

Material: plexiglass / metals



Fashion Design  
(Jewelry Making)

Handcraft

Steps, sleep cycles,



Black Mirror Season2 - Episode1



Life Data Gathering & Mining

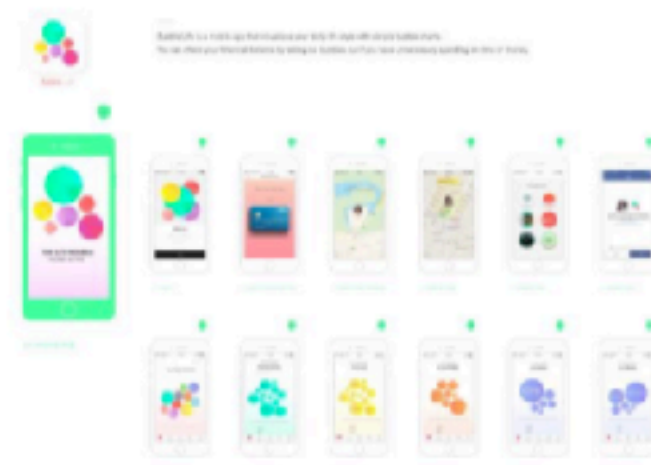
LIFE x DATA



7 DAYS COST OF LIVING



Quantified My Daily Life

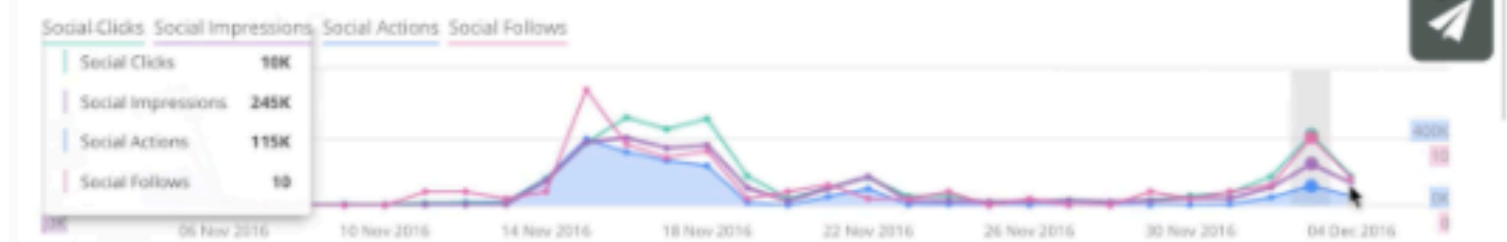


"Bubble Life" - A Budget Checking App



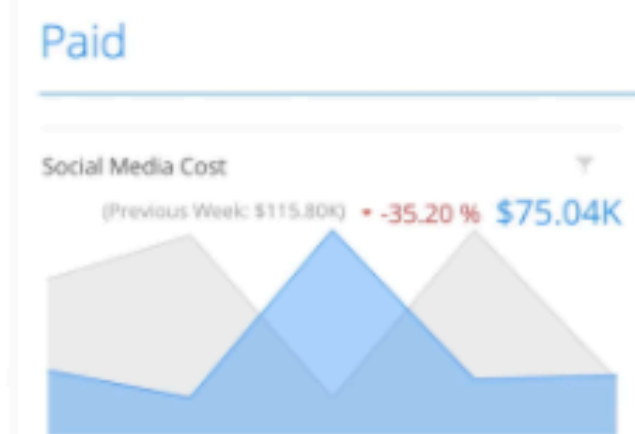
Trends in Social.

Social Dashboard



Weekday

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday





Quantified Self Film



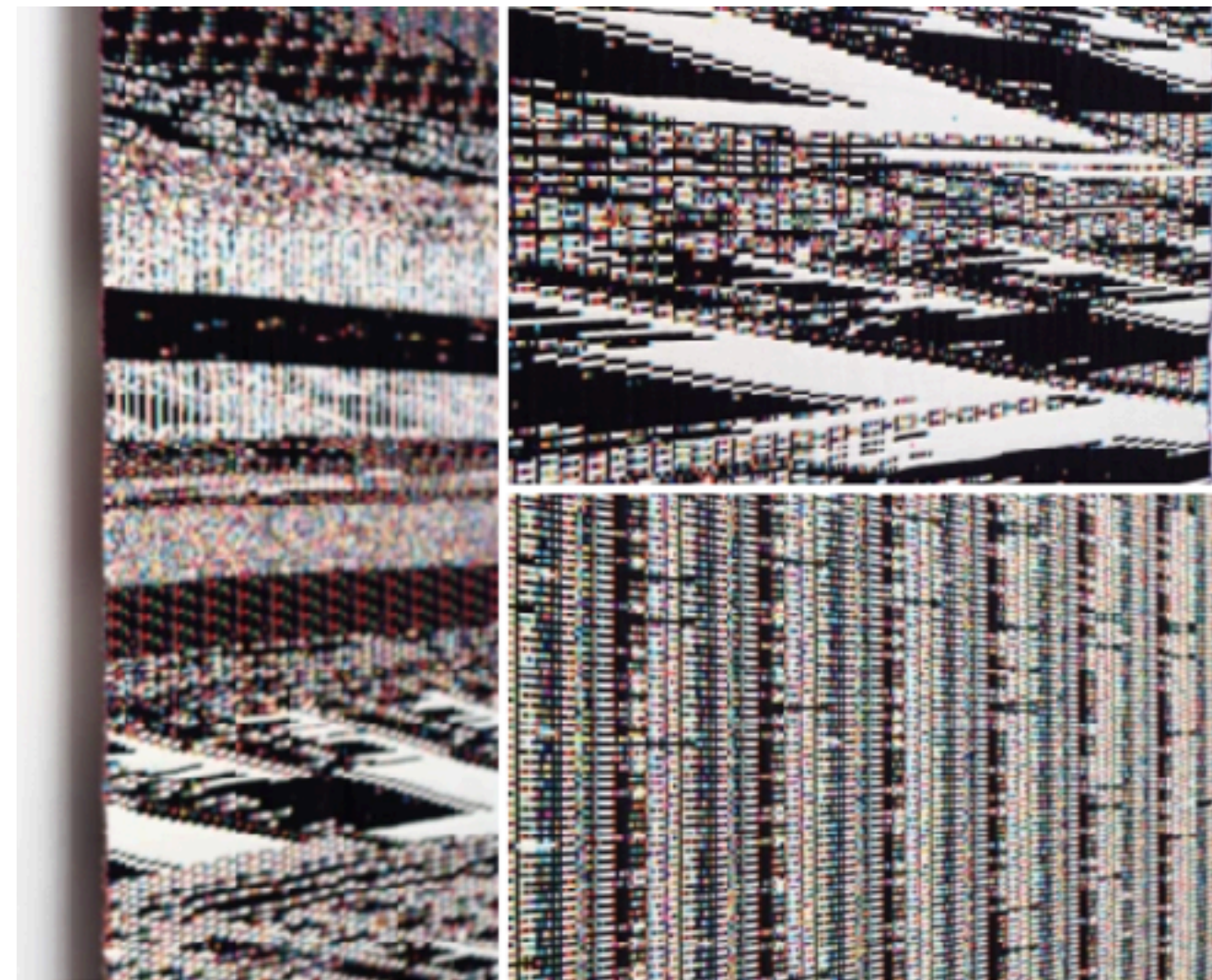
Quantified Self

self knowledge through numbers

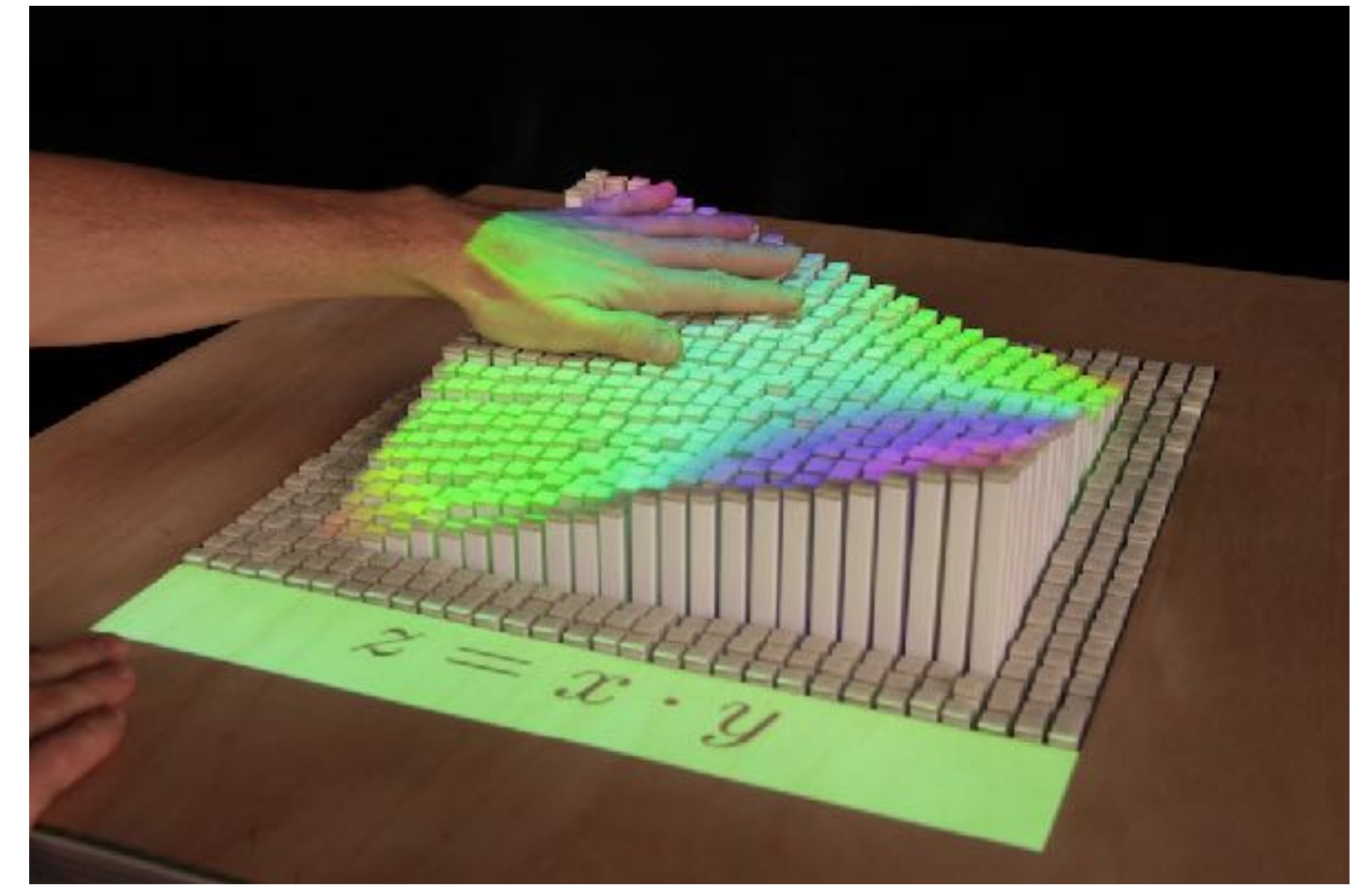
# Data Physicalization and Wearable Art



Sleep Pattern by Laurie Frick (2010-2012)



Fragment Memory by Phillip Stearn (2013)

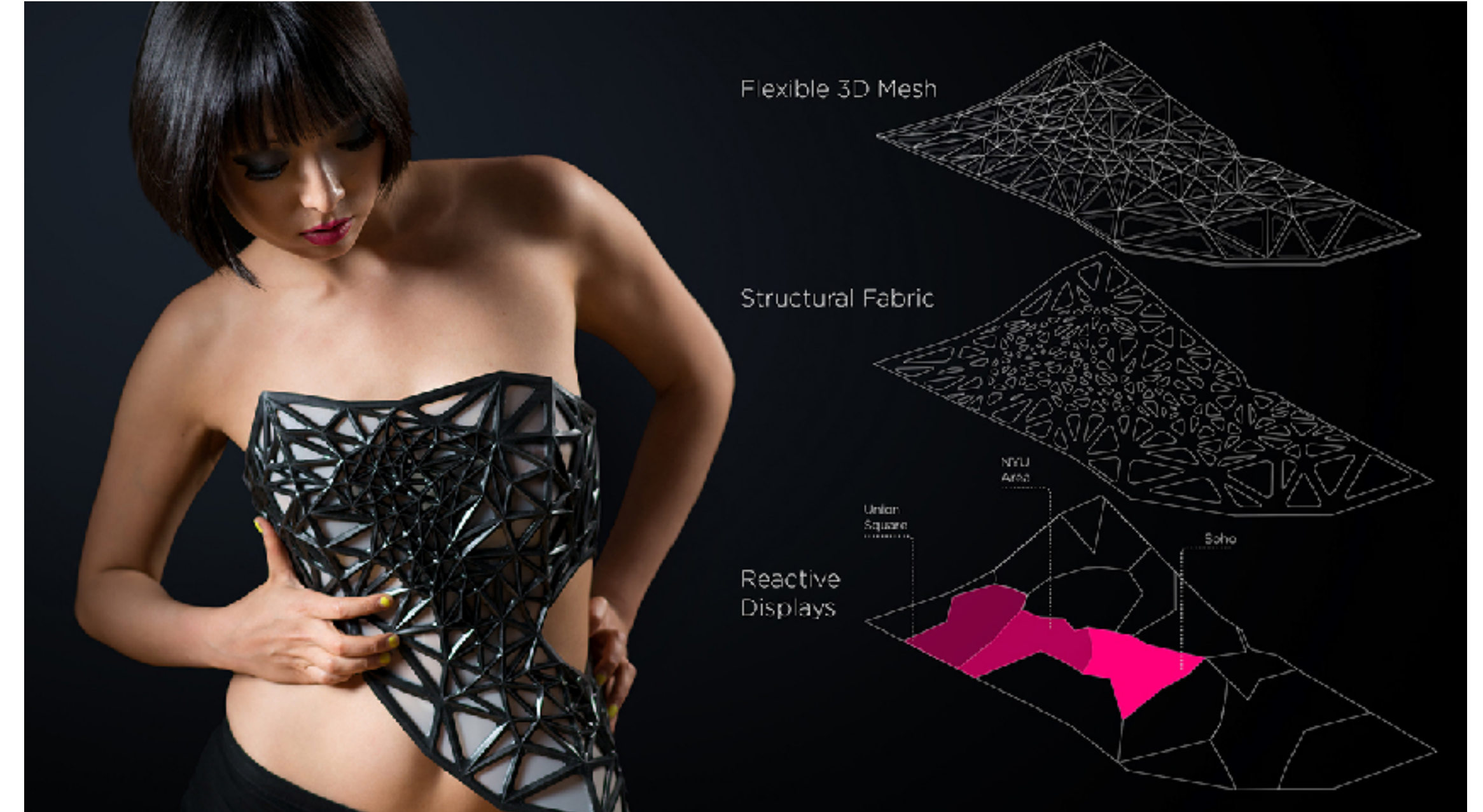


Materiale by MIT Tangible Media Group (2016)

# Data Gathering as Self-expression



Dear Data Project by Goirgia Lupi and Stephani Provosac (2010-2012)



x.pose: a Wearable Dynamic Data Sculpture (2014)

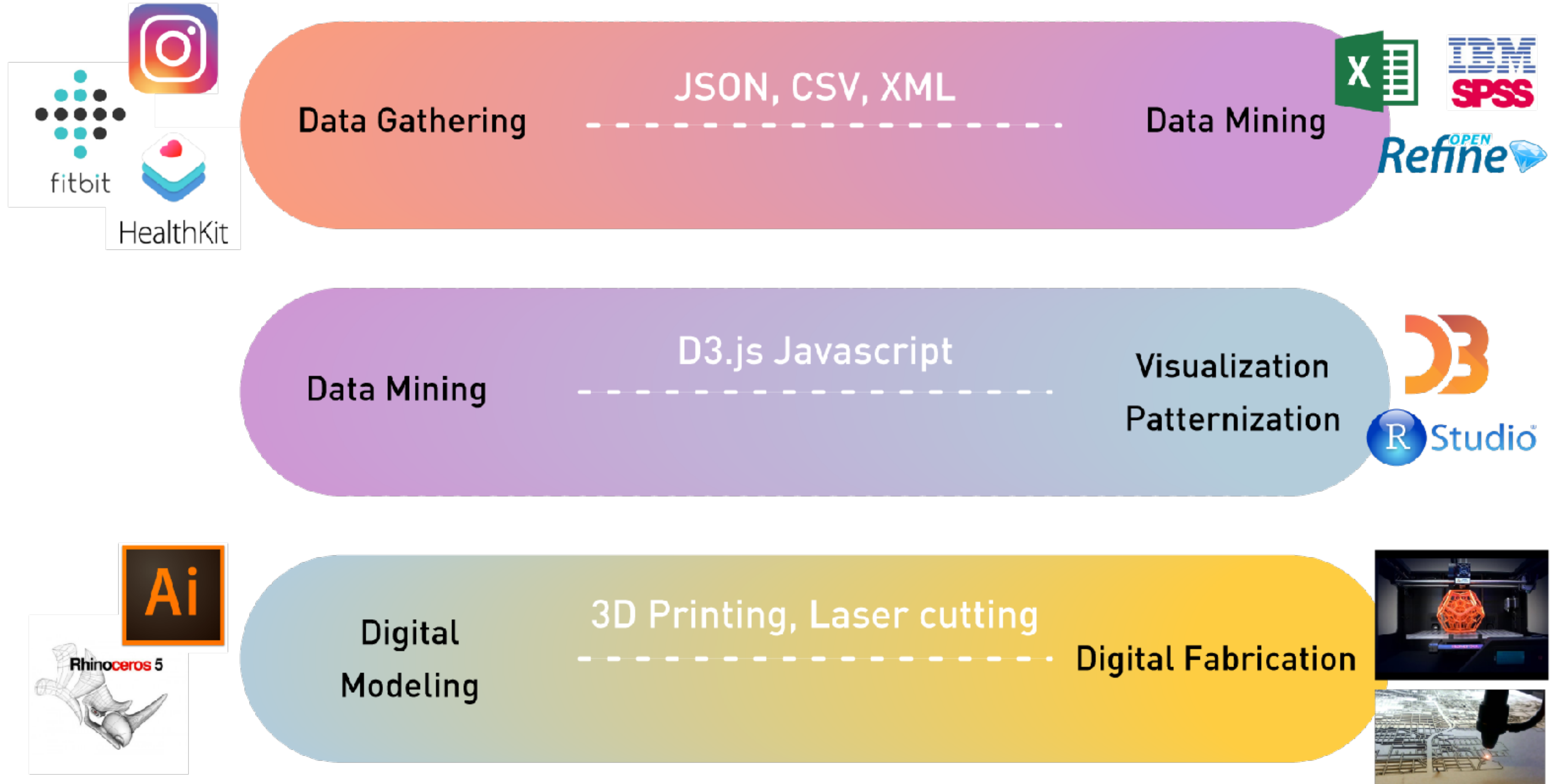


# Wearable Self

*“What if we wear our data on our bodies?”*

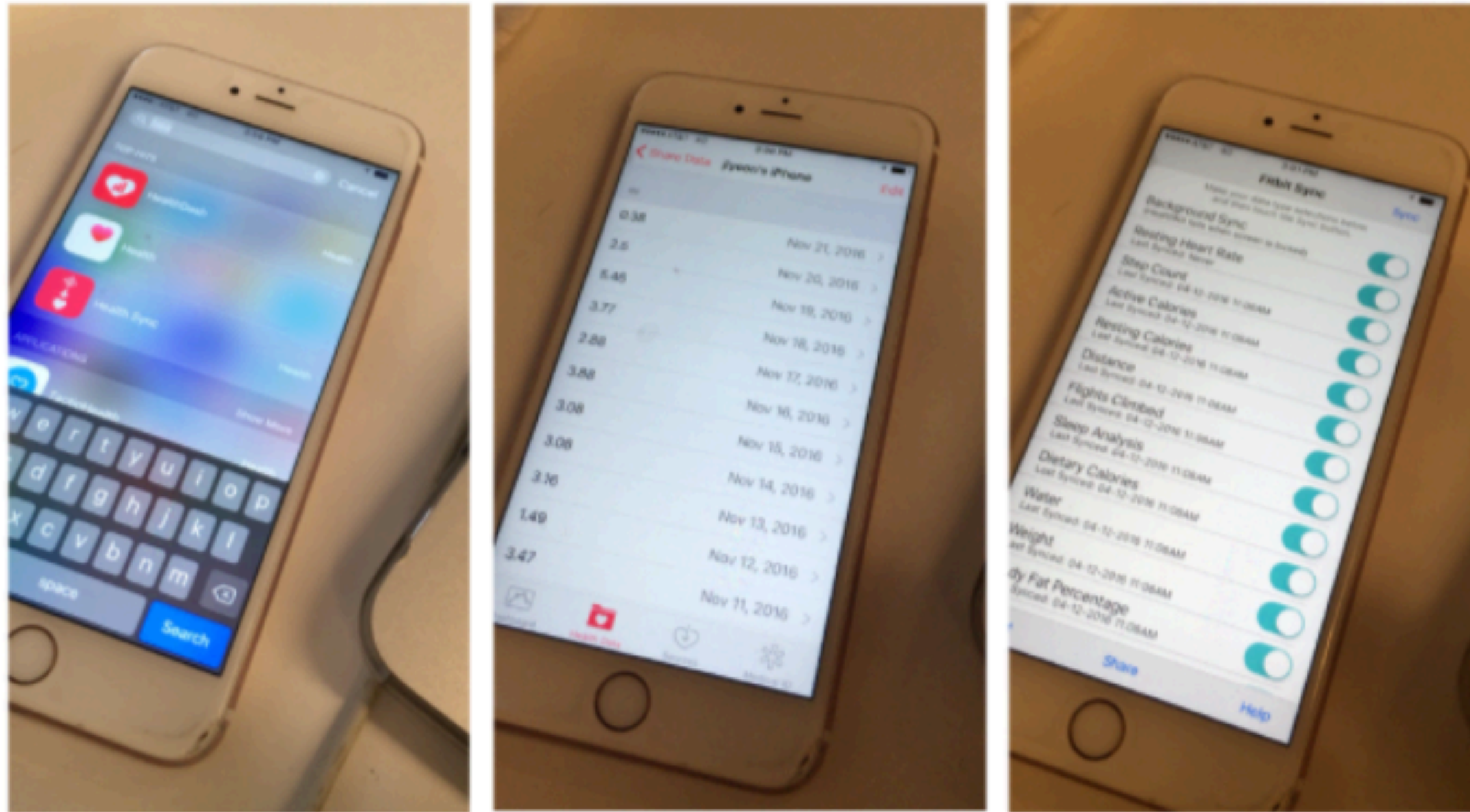


# Methodology

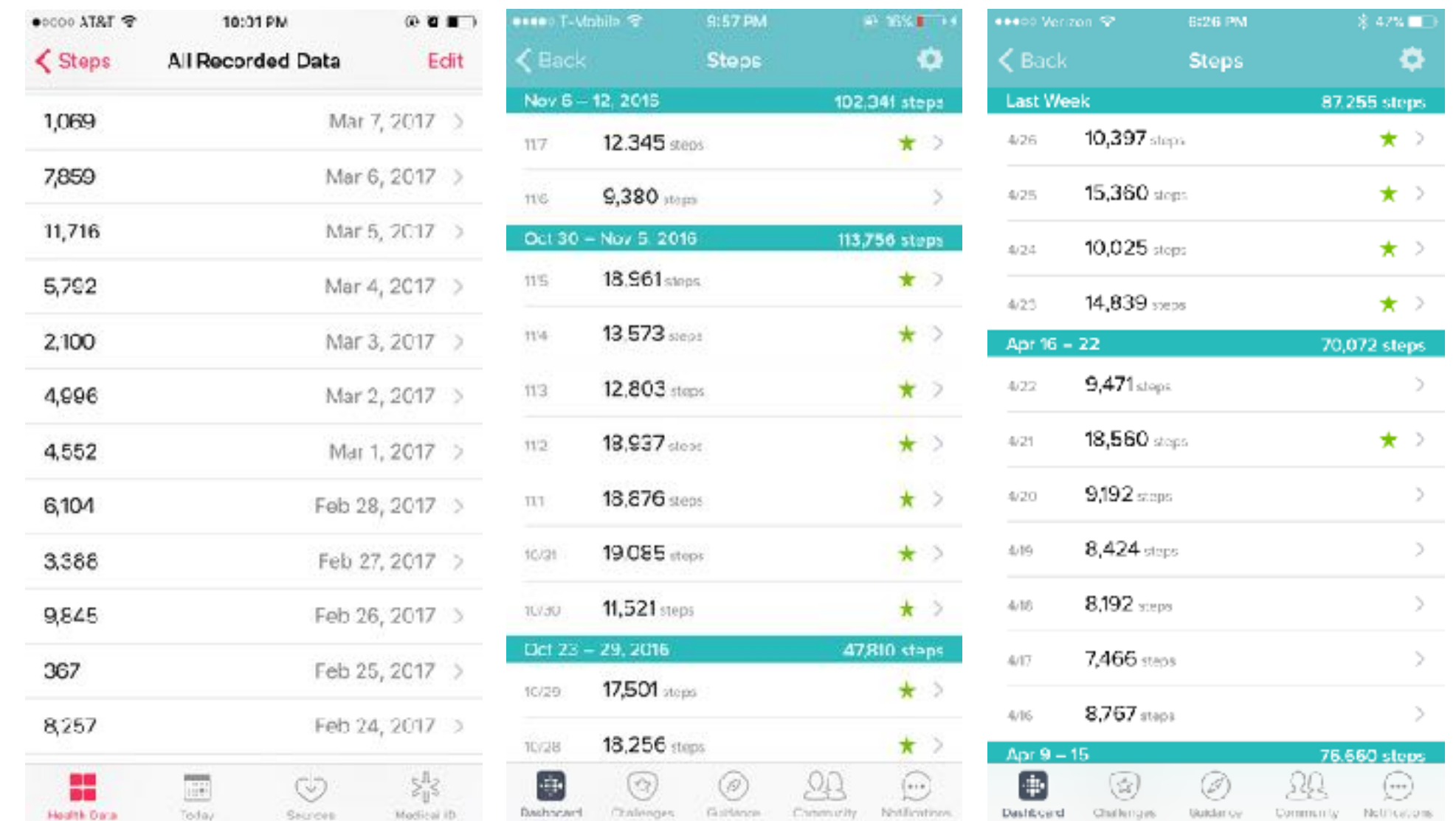
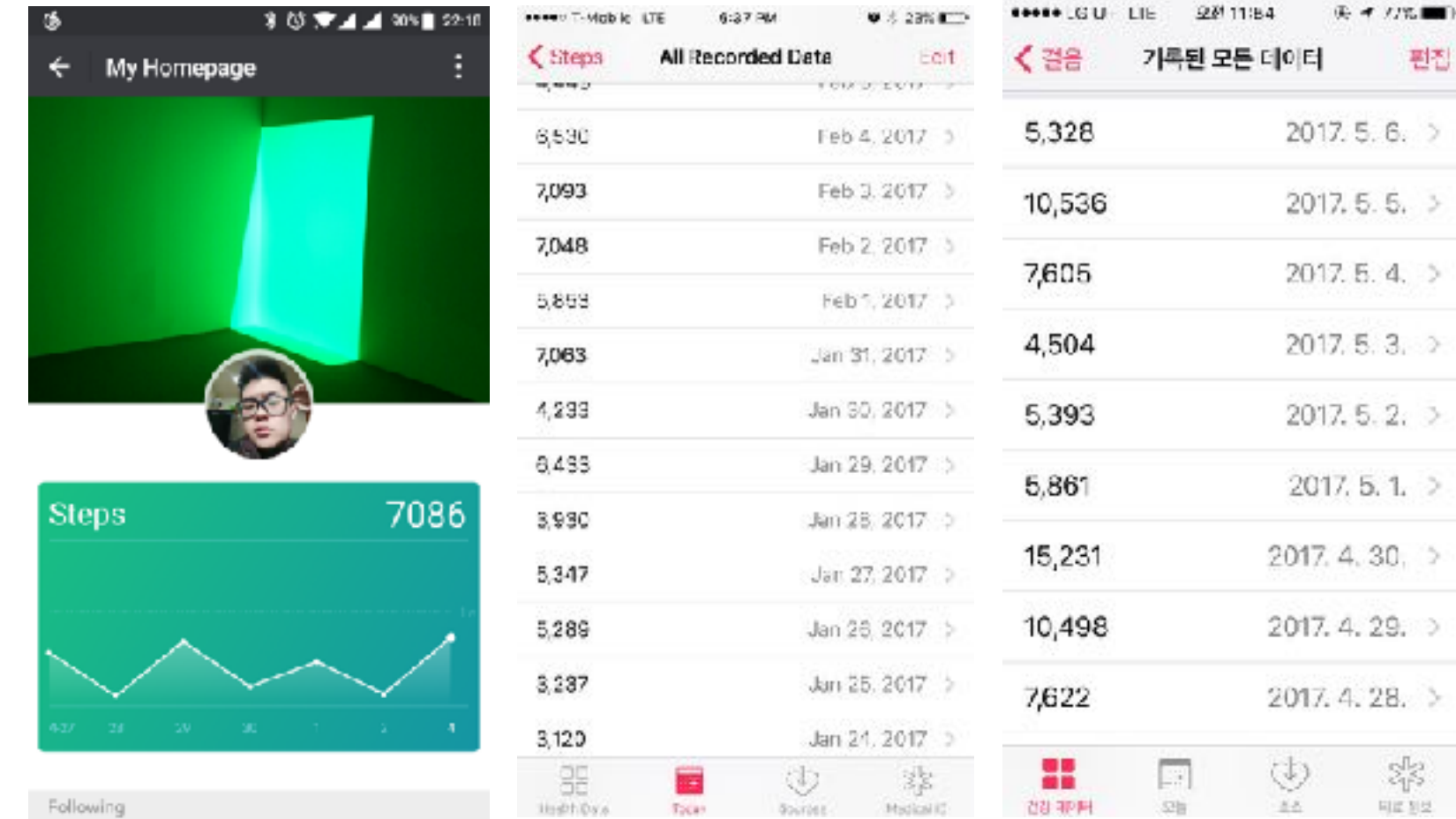


# Data Gathering

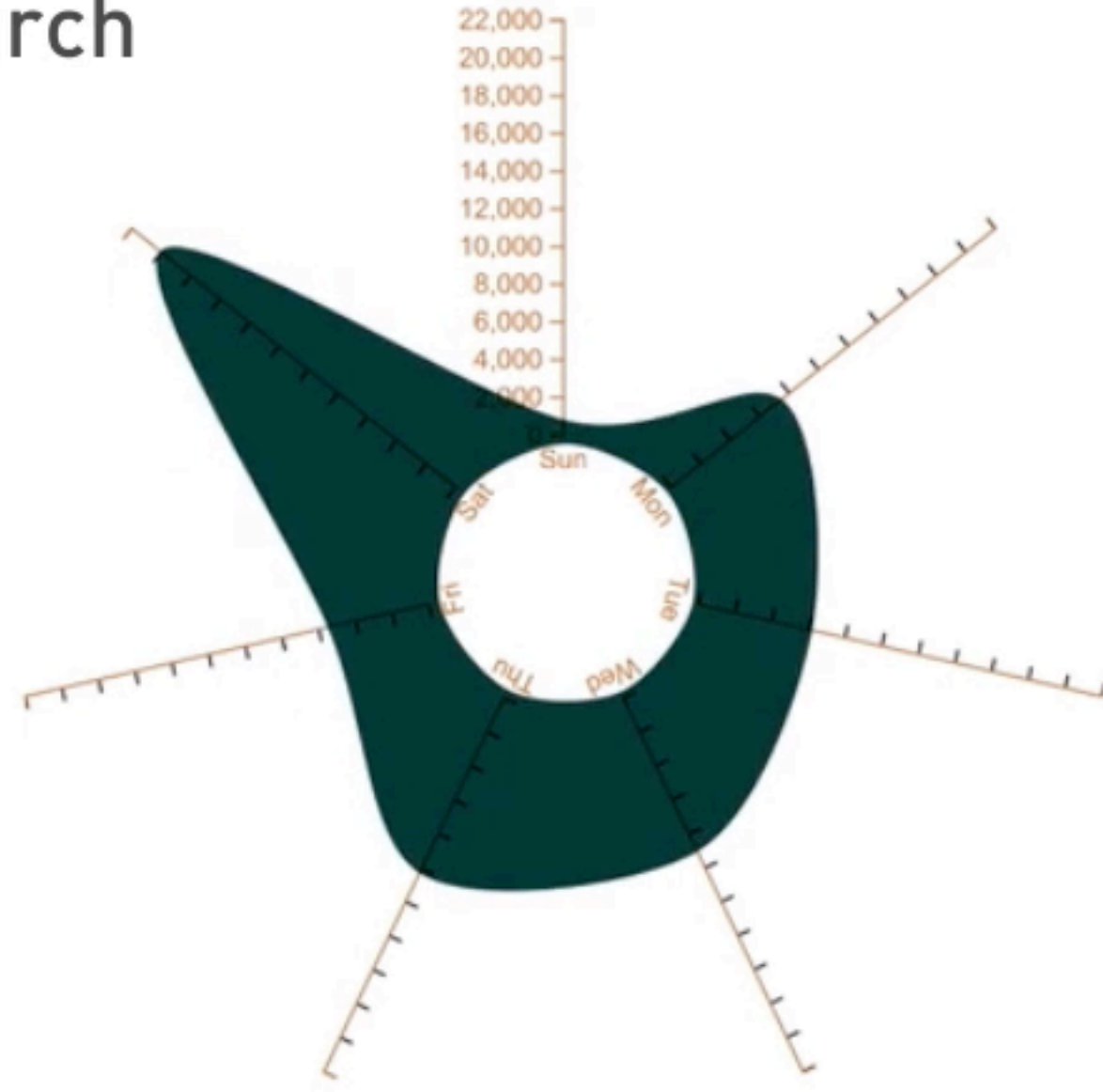
## My iPhone Health app



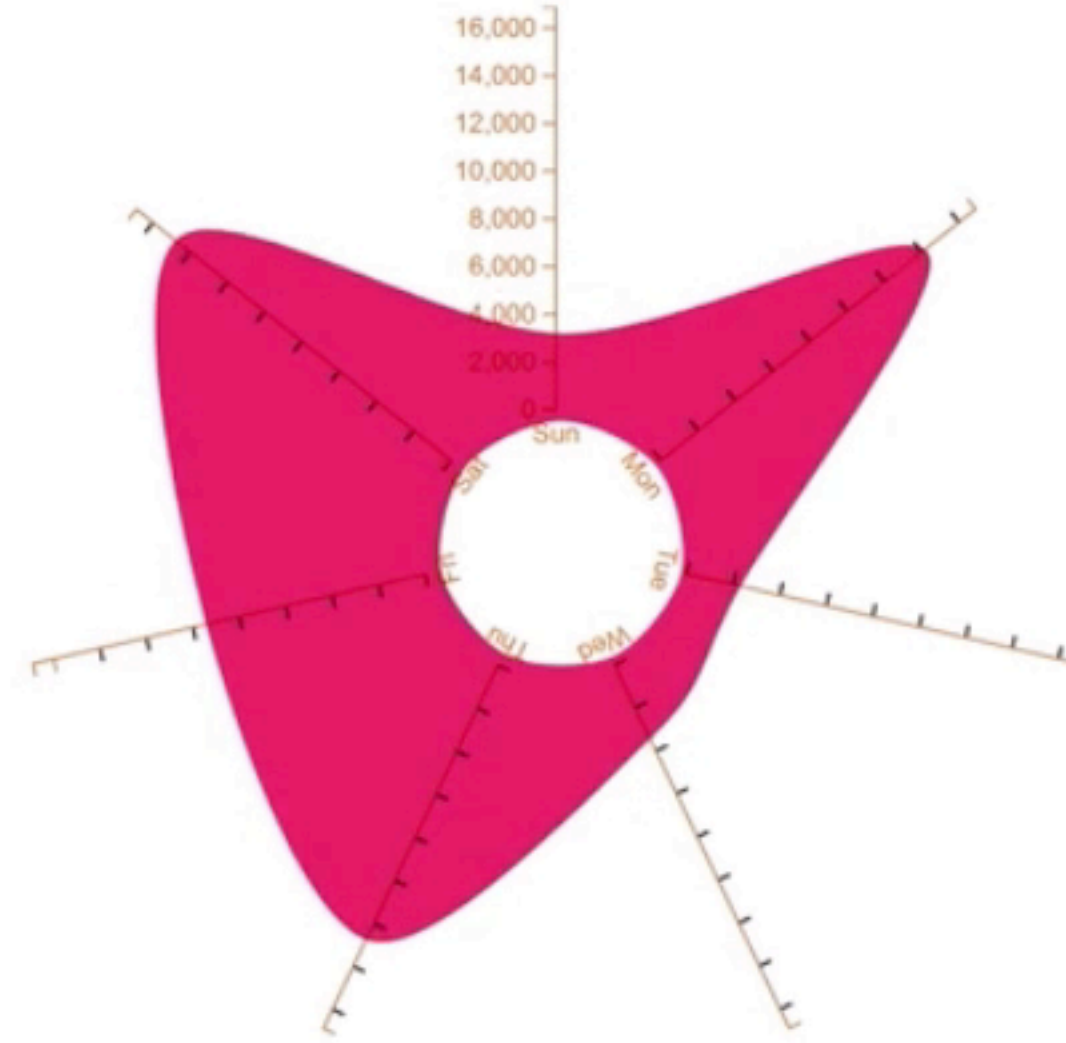
## From other people



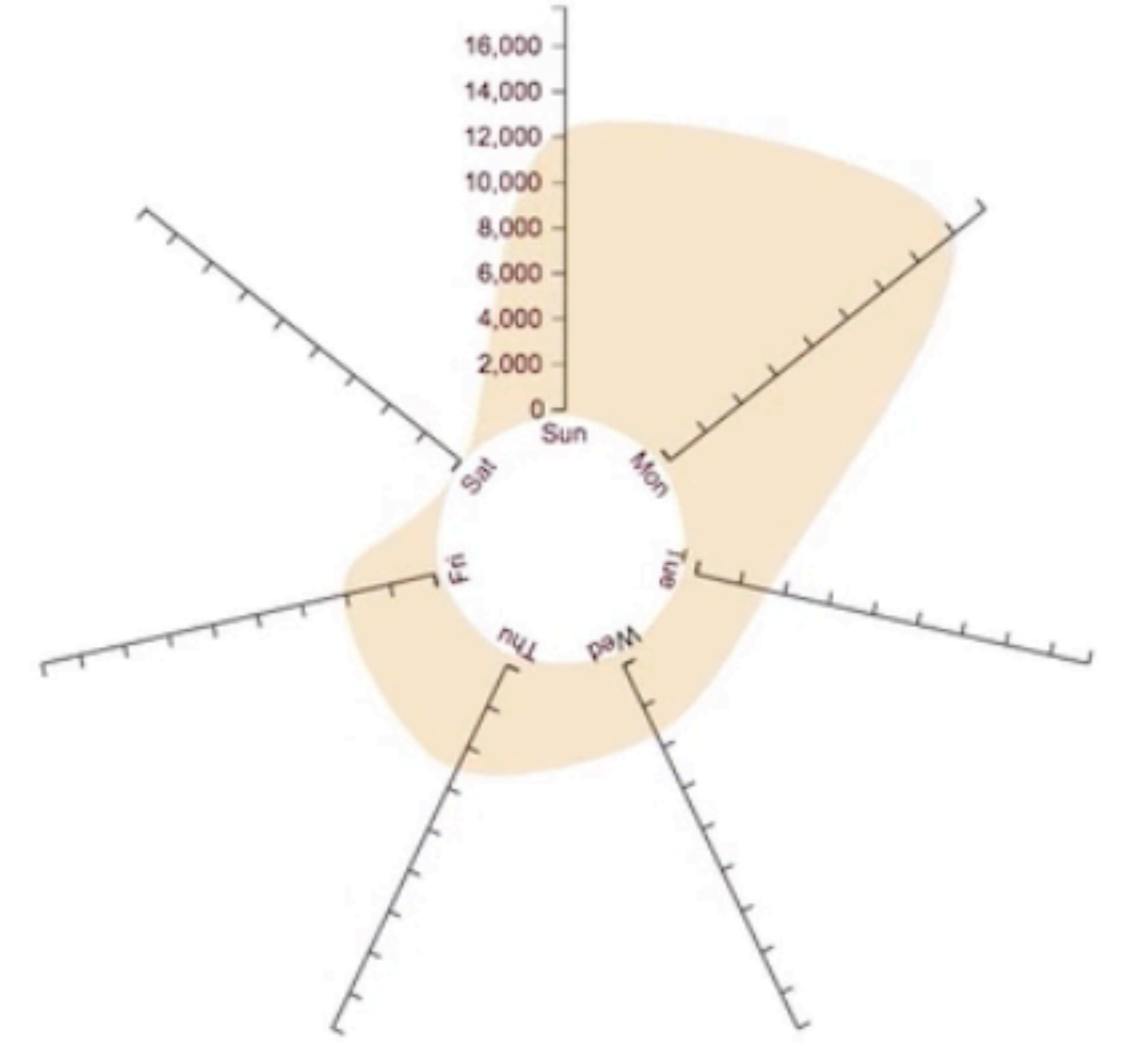
March



April

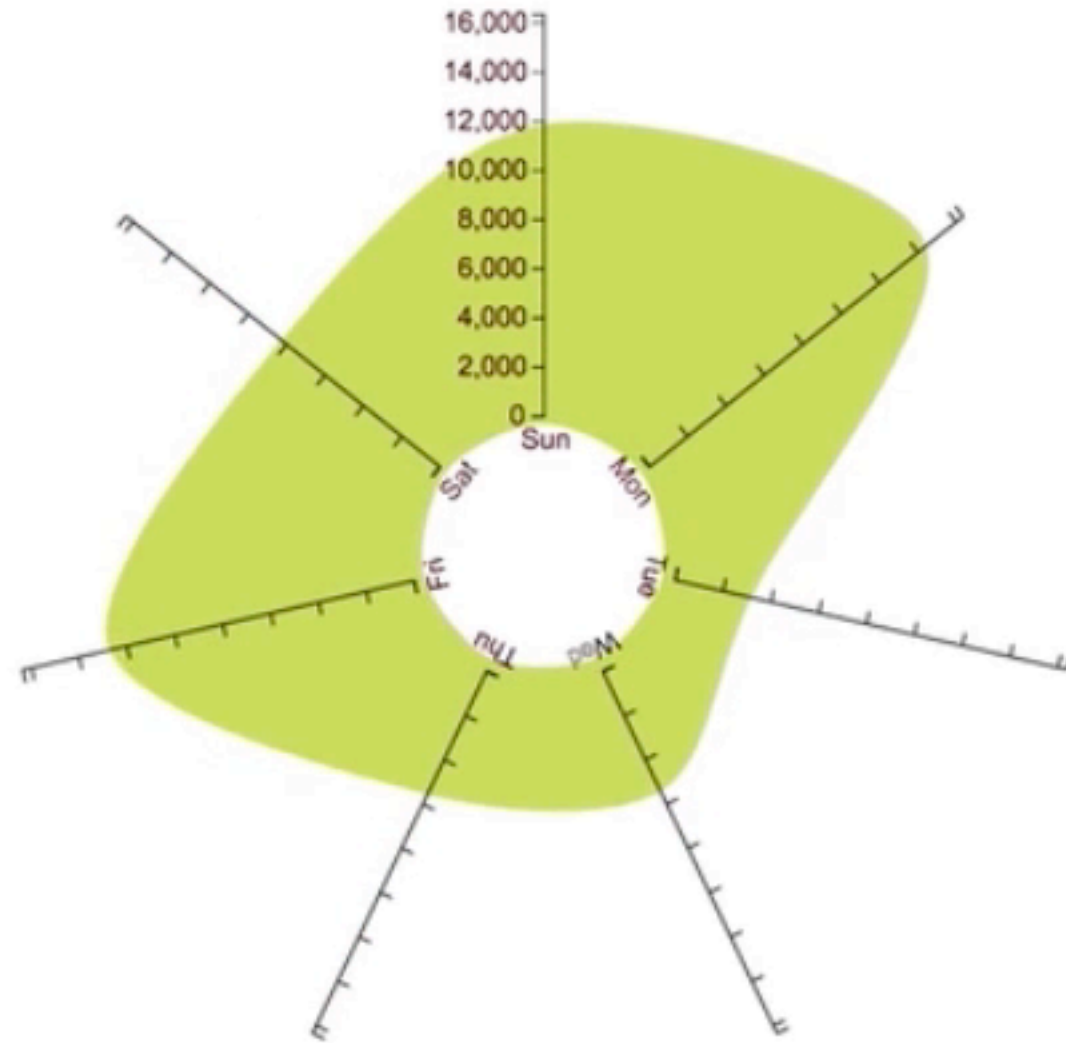


May

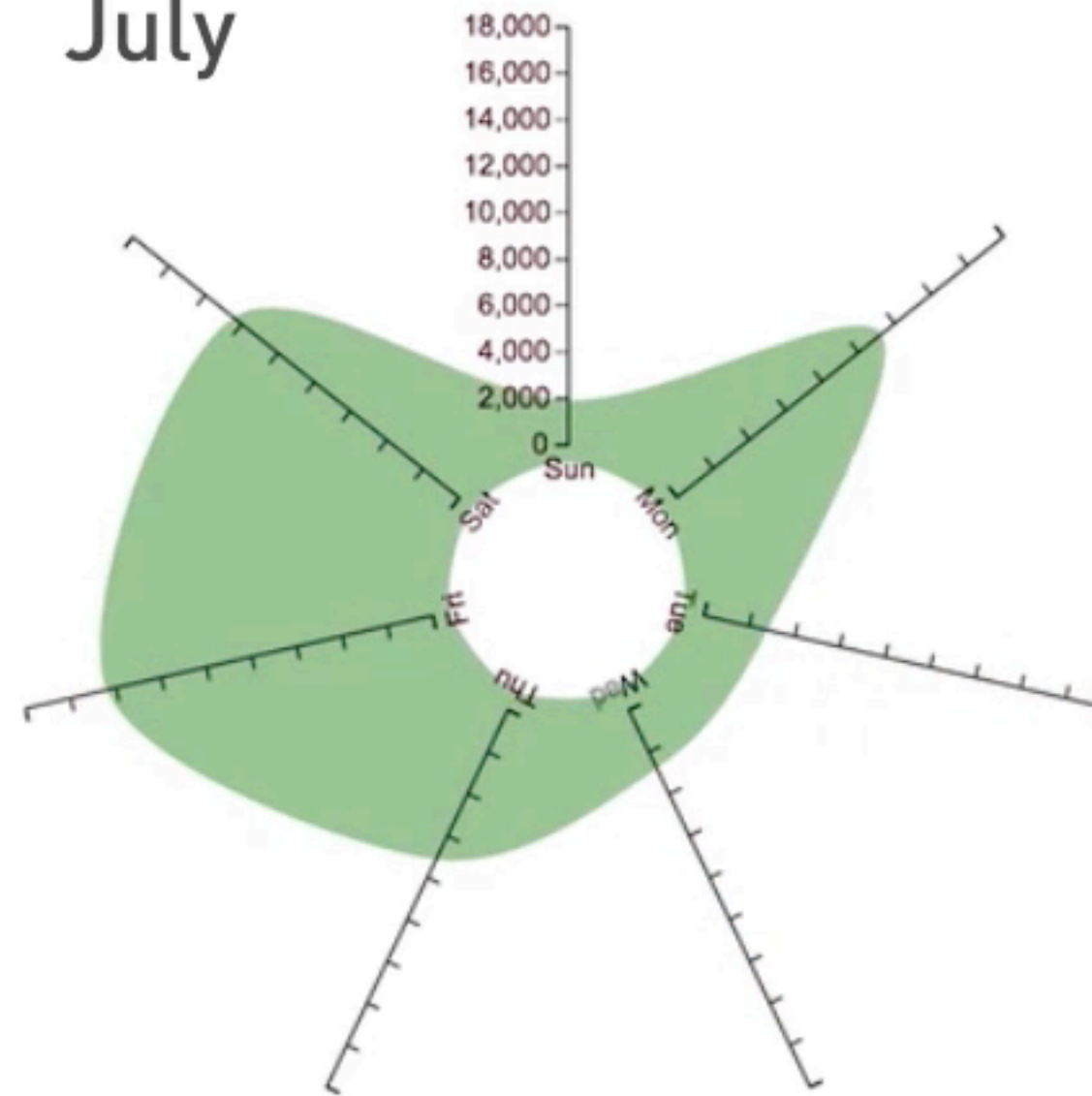


## Week 2

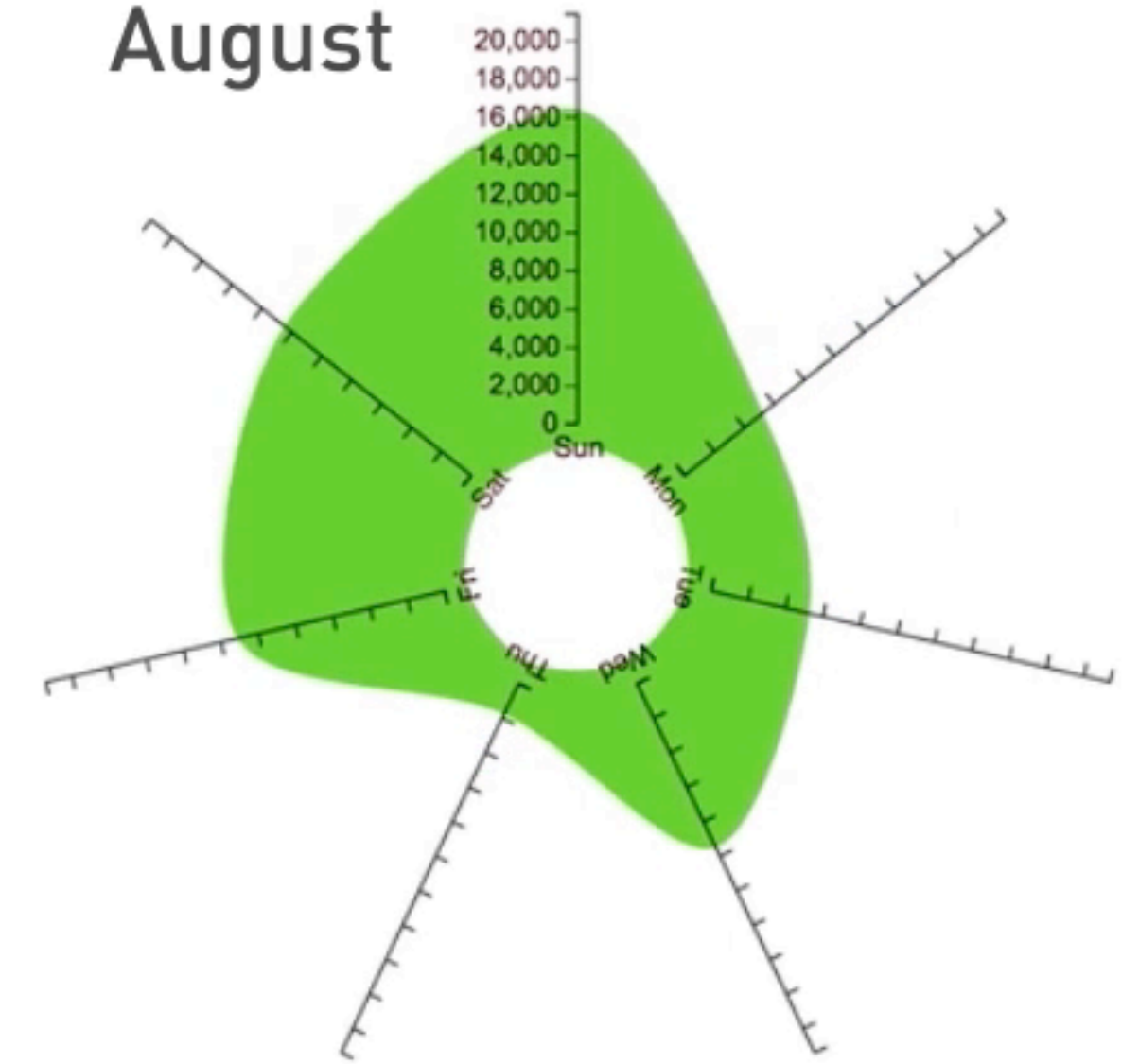
June



July



August





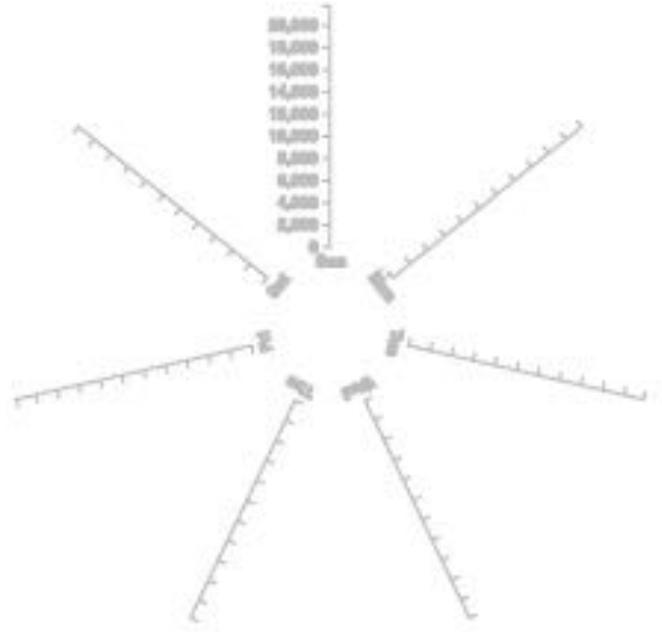
“Life forms illogical patterns. It is haphazard and full of beauties which I try to catch as they fly by, for who knows whether any of them will ever return?”

-Margot Fonteyn

# Data Visualization

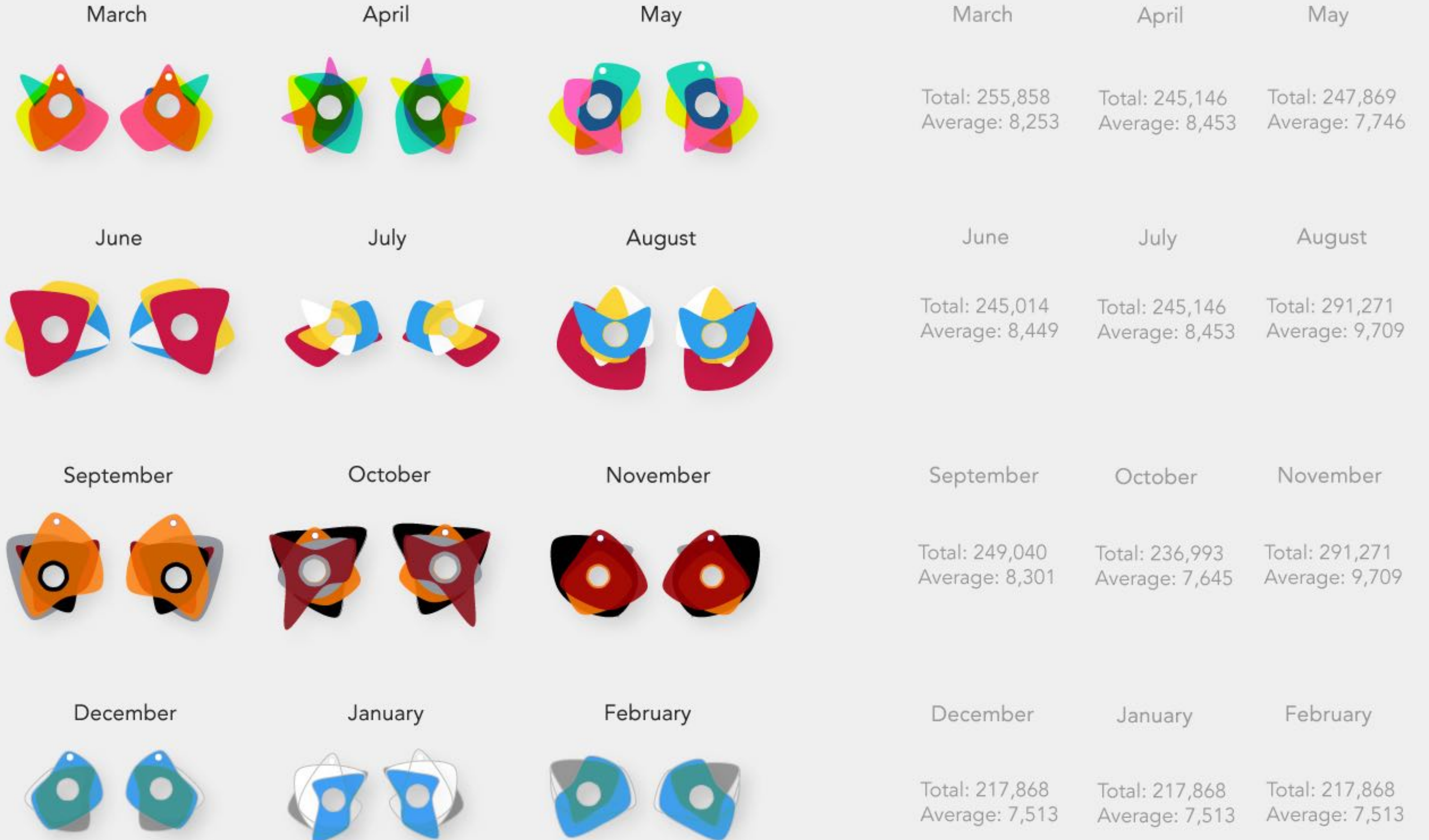
## How Many Steps I Walked This Year?

1 Year of Movements



Quantified Self  
Data Jewelry

WEARABLE SELF



# Data Visualization

## Choosing Colors

from WSGN Trend Research

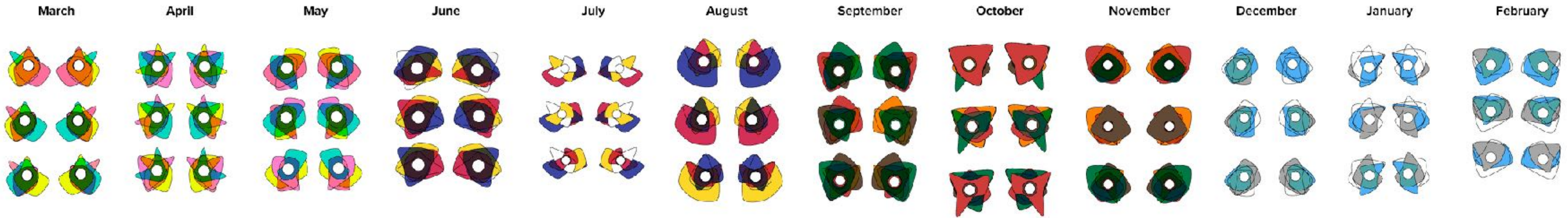
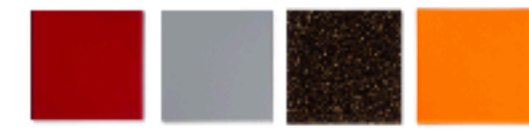
### COLOUR REFERENCE A/W 18/19 – PANTONE COATED [DOWNLOAD GLOBAL COLOUR CARD - COATED](#)

SLOW FUTURES	KINSHIP	PSYCHOTROPICAL	YOUTH TONIC
0701450 MC	C201618 CO	0904554 MC	0900410 CO
0101362 MC	0201523 MC	0903114 MC	0100140 MC
0901075 CO	C191502 CO	0904505 CO	0202140 MC
0903578 CO	0200257 DK	0100083 MC	0402361 CO
1100132 MC	0301184 MC	0903350 MC	0201620 MC
0303106 CO	C402538 CO	0301294 CK	0500990 CK
0302873 CO	0300561 MC	0504033 MC	0402020 MC
0800071 MC	1100884 MC	0200481 MC	0200329 MC
0903437 CO	0500682 MC	0401221 CO	0601066 CO
0700462 MC	0501135 MC	0601319 MC	0903649 MC

THE THINKER	HUMANATURE	DARK WONDER	WORLDHOOD
412 C	440 C	7477 C	438 C
Cool Gray 11 C	7892 C	7616 C	7718 C
2181 C	437 C	7606 C	200 C
7681 C	7574 C	7609 C	406 C
7881 C	188 C	7671 C	111 C
723 C	7686 C	6166 C	Warm Gray 3 C
1907 C	7693 C	7448 C	Warm Gray 8 C
431 C	7575 C	497 C	2028 C
2063 C	5615 C	Cool Gray 10 C	6197 C
7640 C	2326 C	7616 C	7603 C

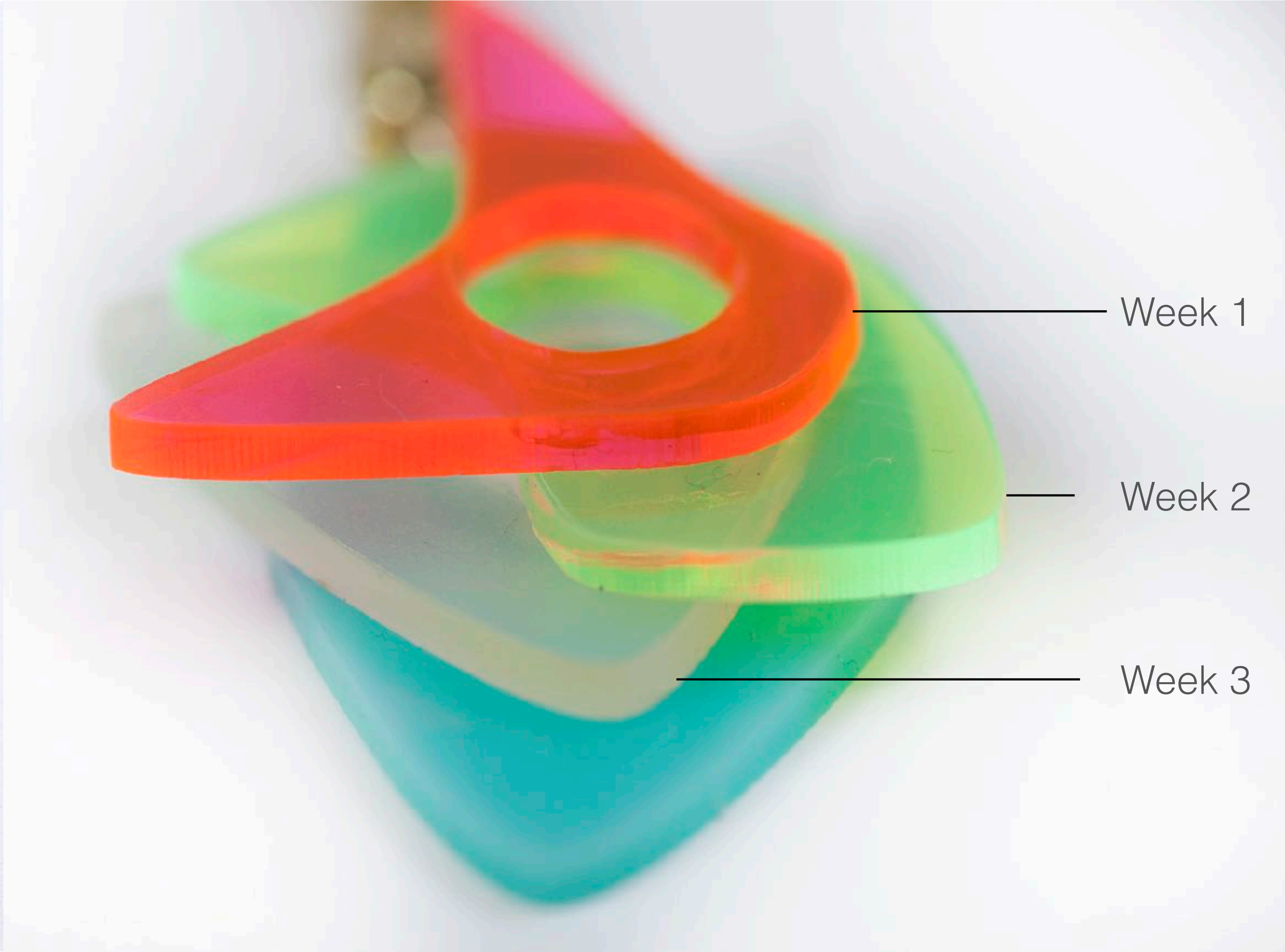
CORE COLOURS
663 C
Cool Gray 1 C
454 C
497 C
Cool Gray 7 C
2312 C
432 C
2938 C
126 C

\* This is a reference guide only. Colours on computer screens vary



1 Week (Weekdays)

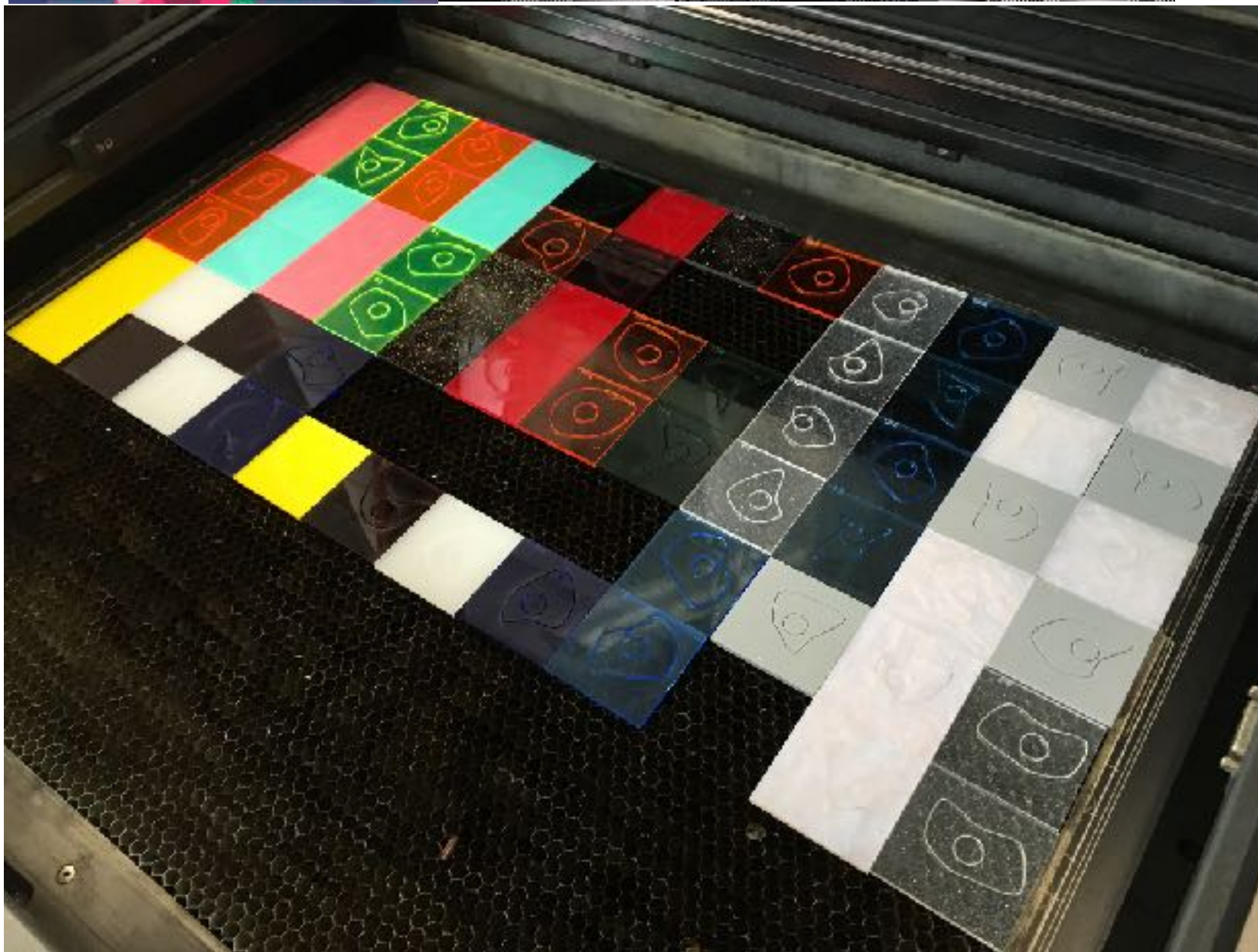
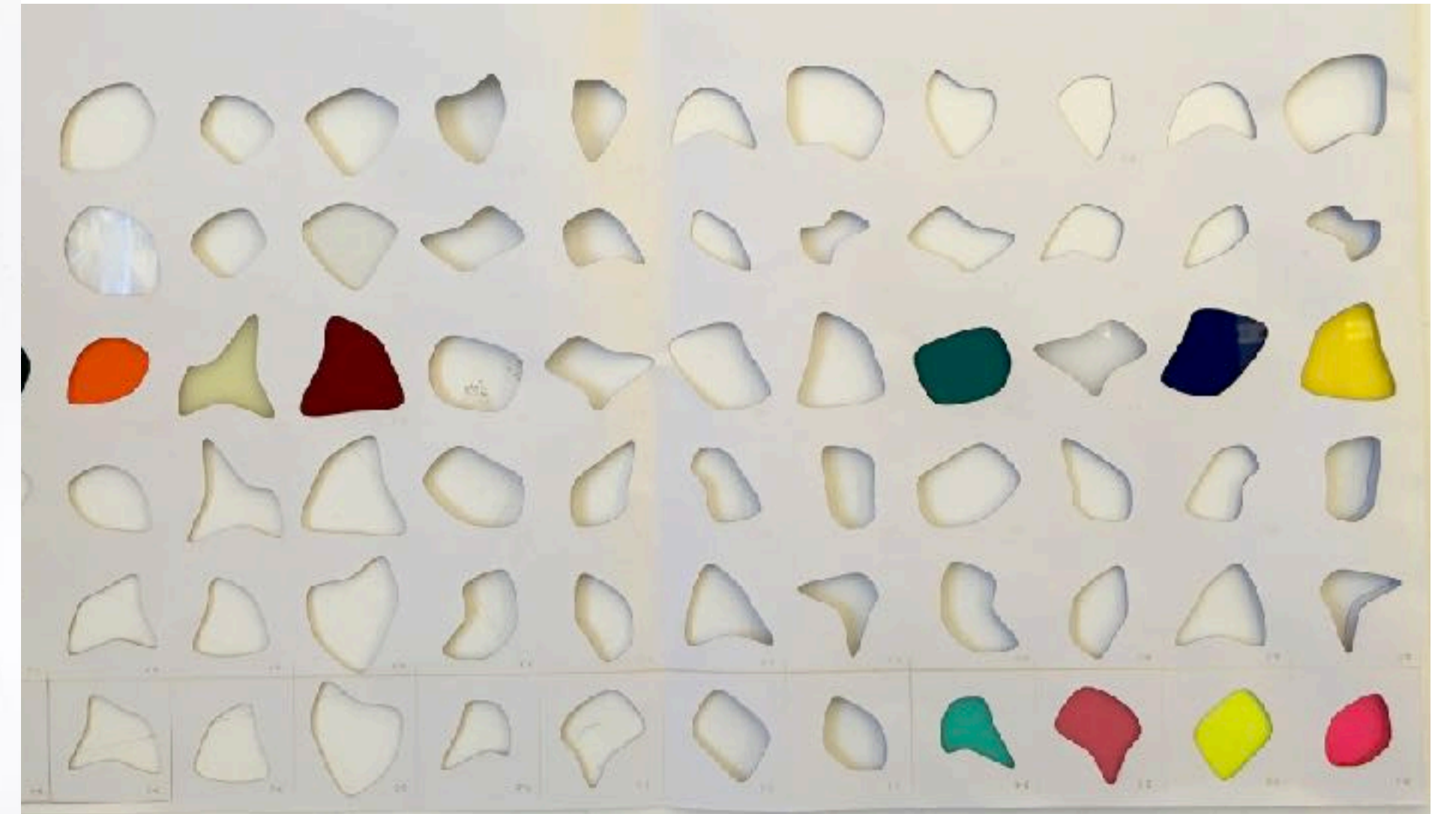
1 Month





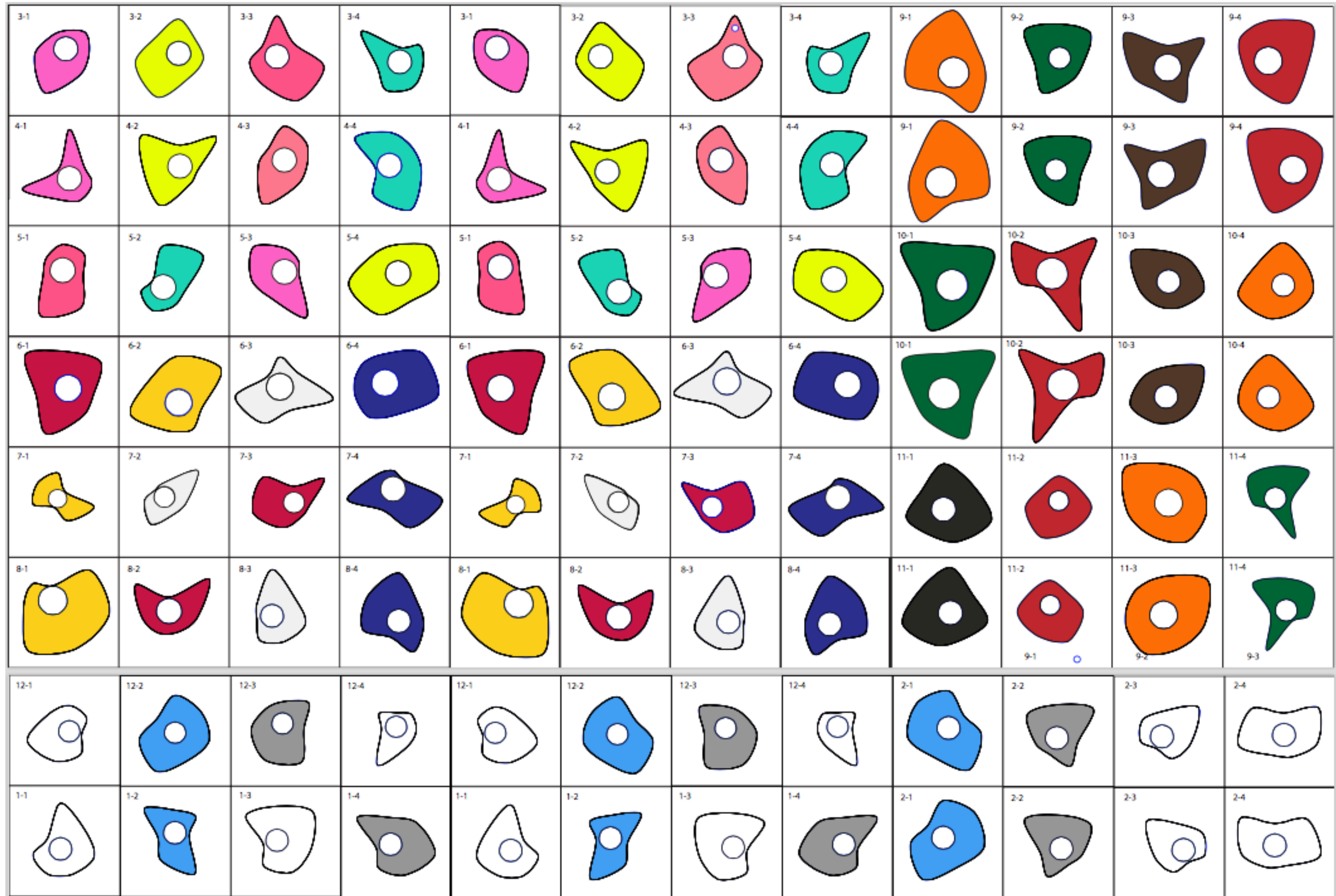
# Digital Fabrication

Prototyping, Testing, Exploration



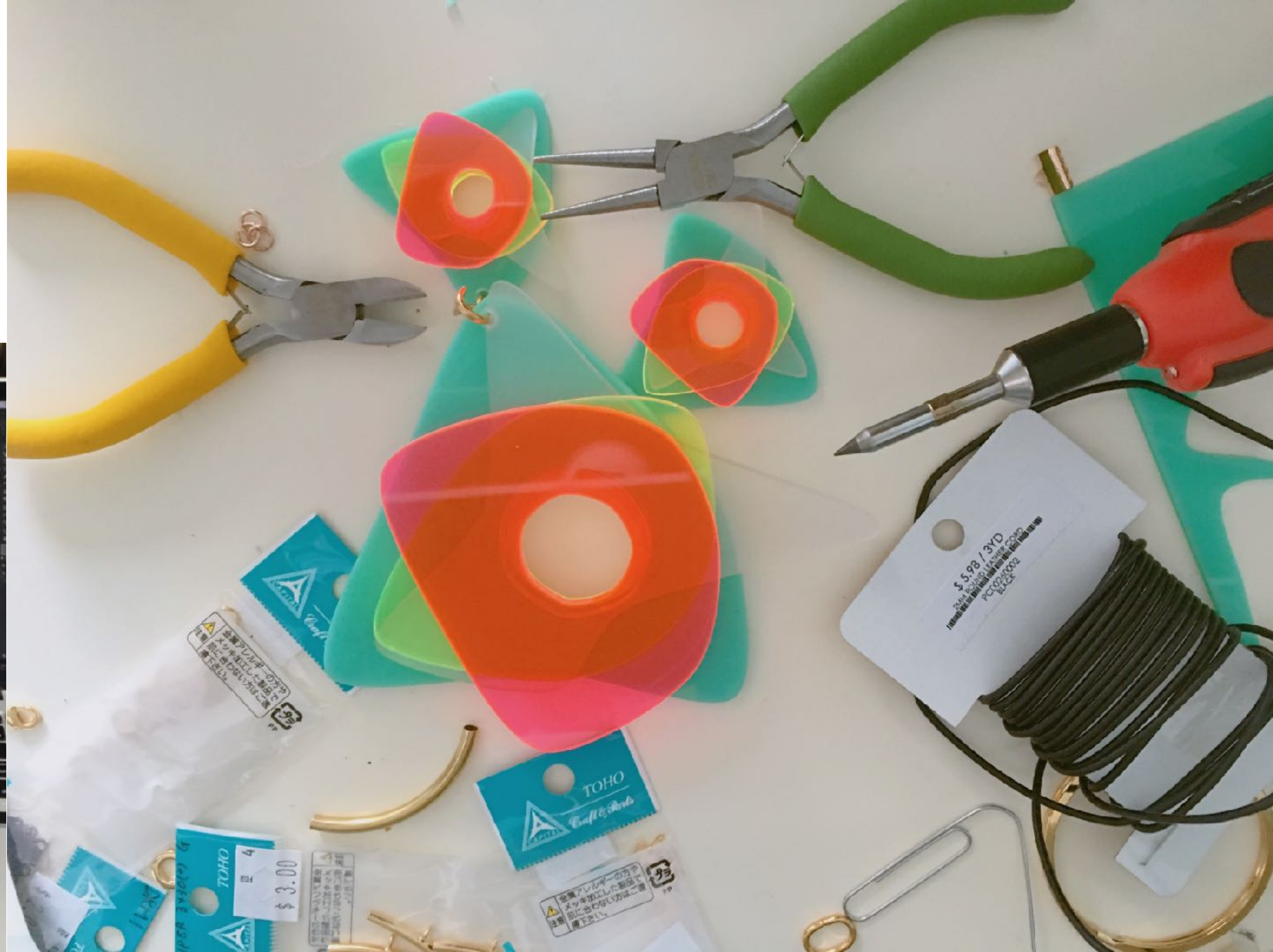
# Digital Fabrication

Laser Cut



# Jewelry Making

value of craftsmanship



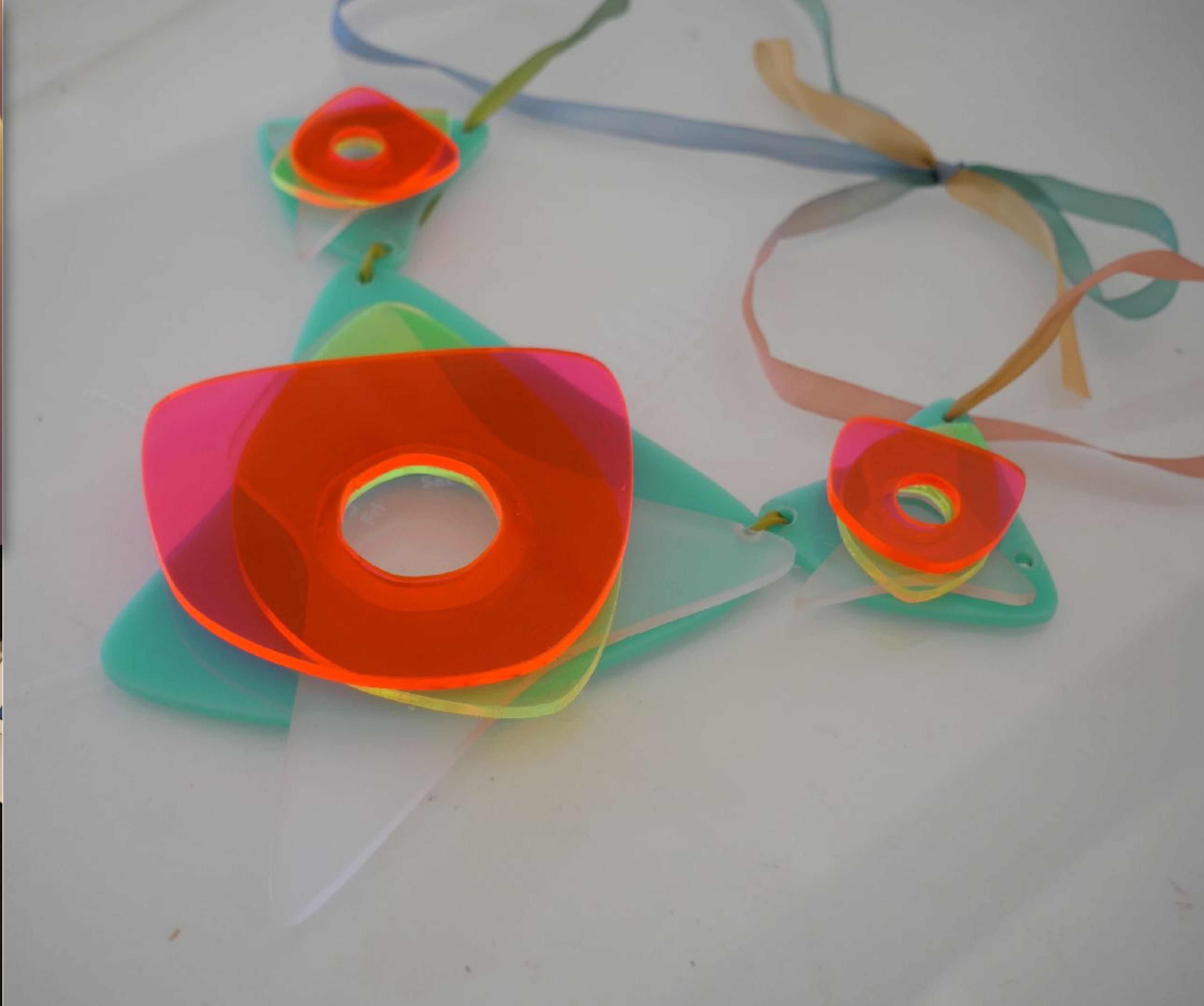
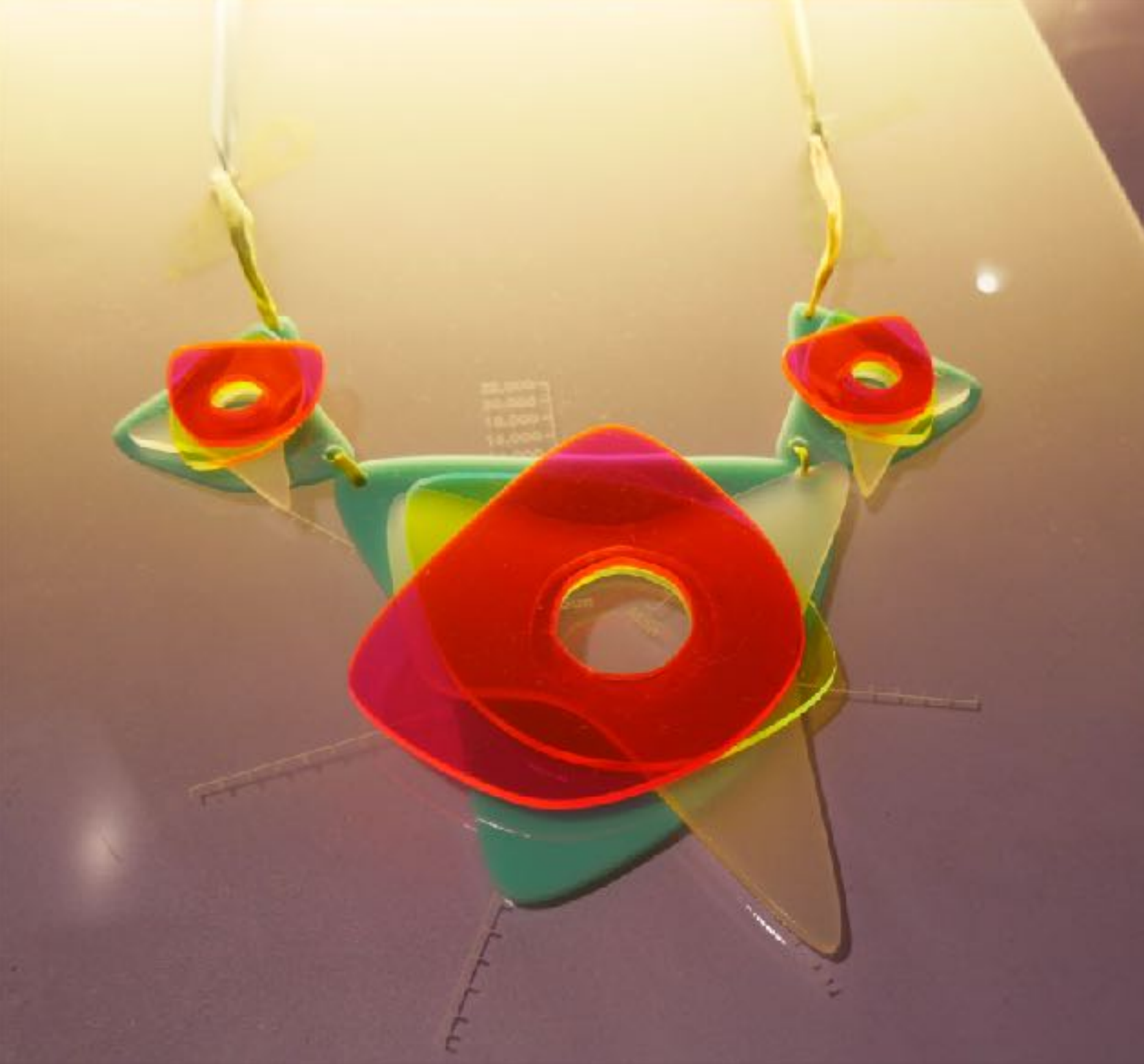
Final Jewelry with Laser Cut



# Interactive Showcase

@Parsons Making Center

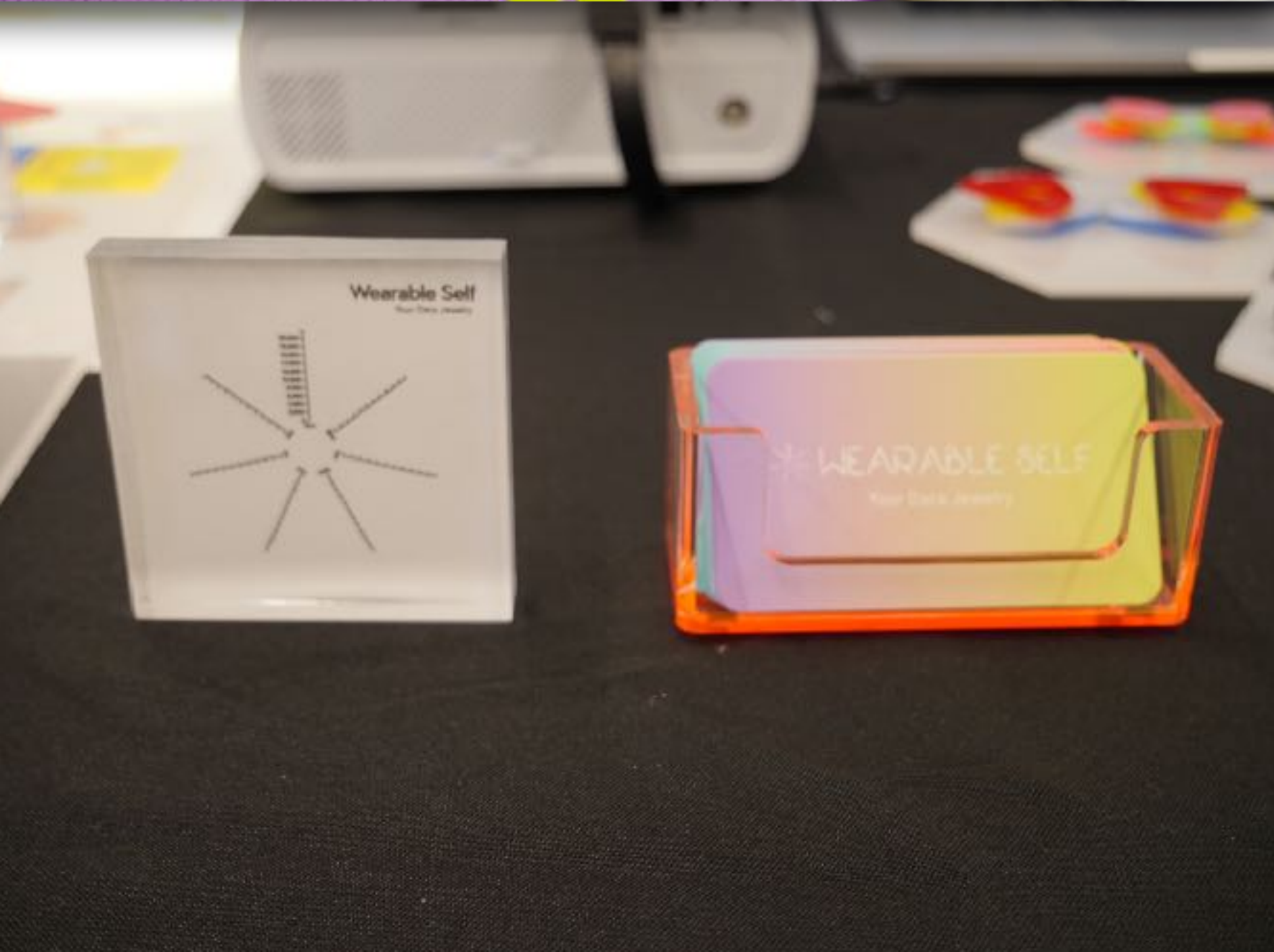




**Exhibition**

@Parsons School of Design







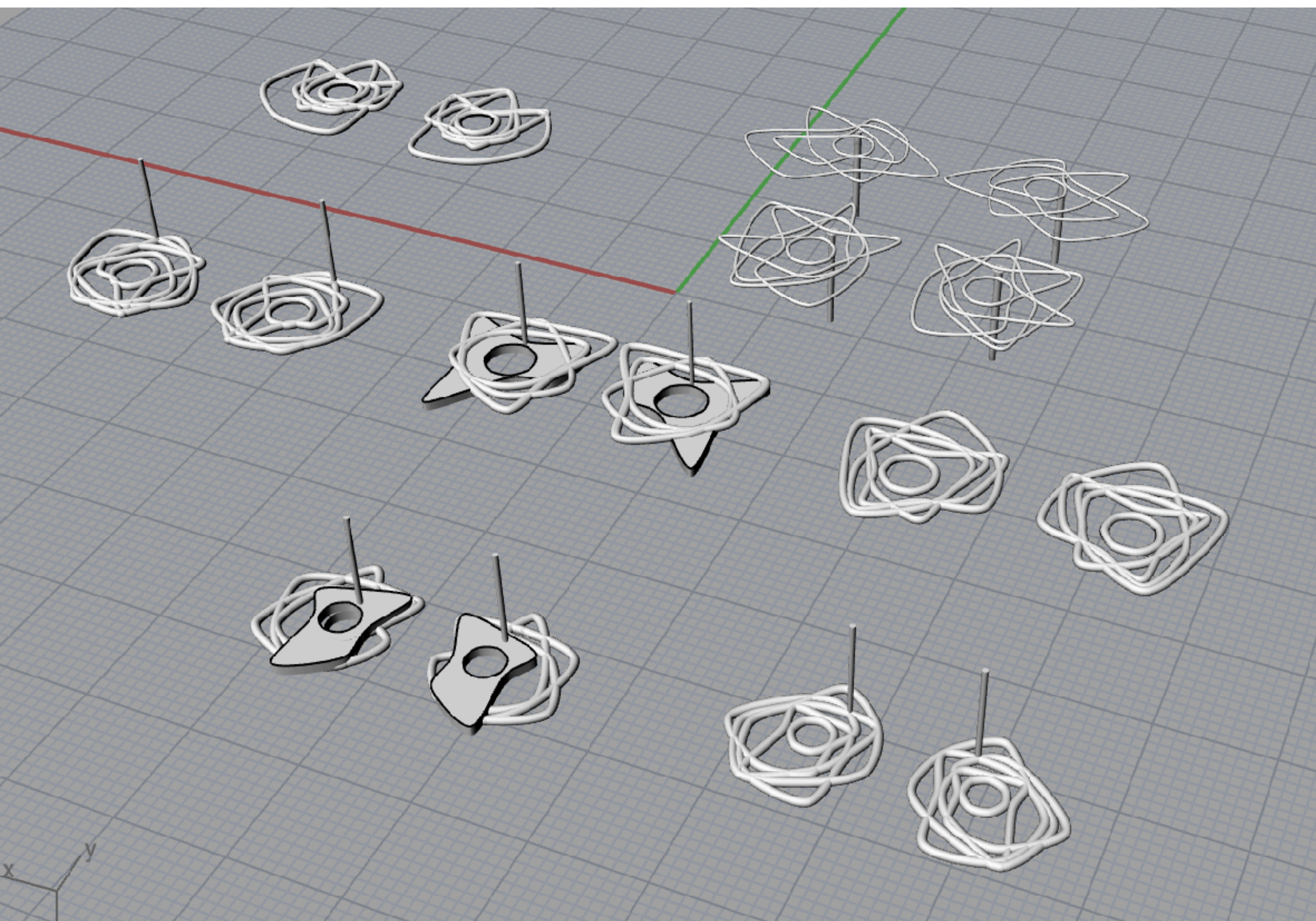
# Symposium

@Parsons School of Design



# Digital Fabrication

3D printing with Metal



# Users / Business Website UX

- 1) Collect data
- 2) Customize colors
- 3) Submit to website
- 4) Order the jewelry



WEARABLE SELF  
Your Data, Your Jewelry

Home About Gallery Make

Wearable Self turns your self data into your own unique jewelry.

About

Your daily steps, sleep cycles and heart rates represent patterns in life.

How it works

WearableSelf\_DesignProcess

01:27 HD vimeo

Wearable Self helps you create mementos with data that belongs to you.

Gallery

Gallery

Home About Gallery Make

Your Data, Your Story.

Aneta's April 2017

Leyla's March 2017

Feiou's January 2017

Tayeon's January 2017

Jungsoo's

Juyeon's

Msung's

Andrew's

Jasmine's

Audrey's

Hyemin's

Jehyun's

Binna's

Jiyeong's

Anna's

Shannon's

Sabine's

Dana's

Shikha's

Jiyeon's

**“Our everyday movement is creating beautiful patterns in our lives, no matter the numbers that we track”**

Jiyeon Kang

[www.wearableself.com](http://www.wearableself.com)

Instagram: [WearableSelf](#)

[wearableself@gmail.com](mailto:wearableself@gmail.com)