# DESIGNING MACHINE LEARNING

*A Multi-Disciplinary Approach*

# Great Design

d.ML

# Geographic Design

d.ML

# Genius Design

d.ML

# Generative Design

d.ML

# Traditional

*Artist*

*Builder*

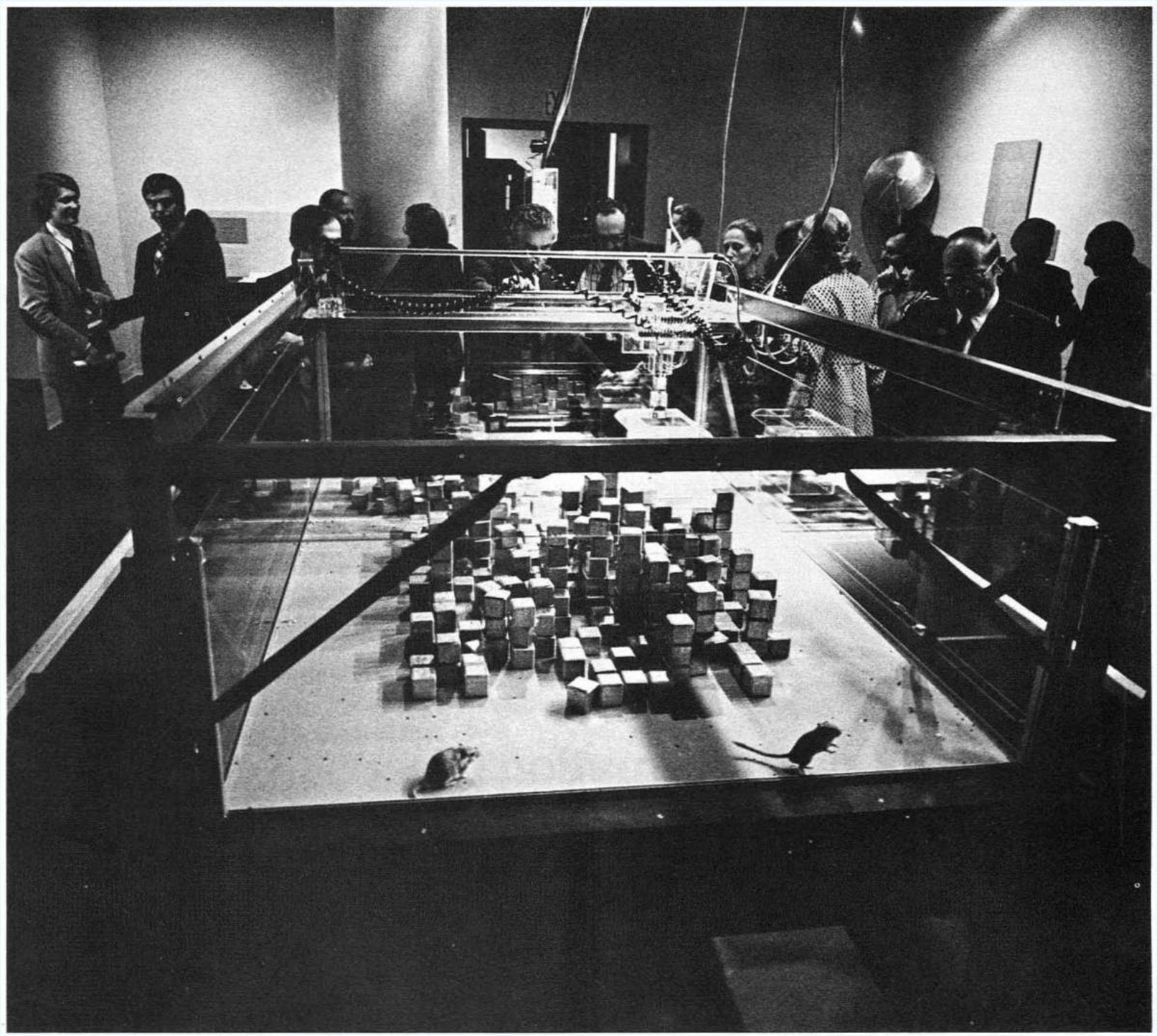
*Actor*

*Athlete*

d.ML

| Traditional | Generative |
| --- | --- |
| *Artist* | *Curator* |
| *Builder* | *Architect* |
| *Actor* | *Director* |
| *Athlete* | *Coach* |

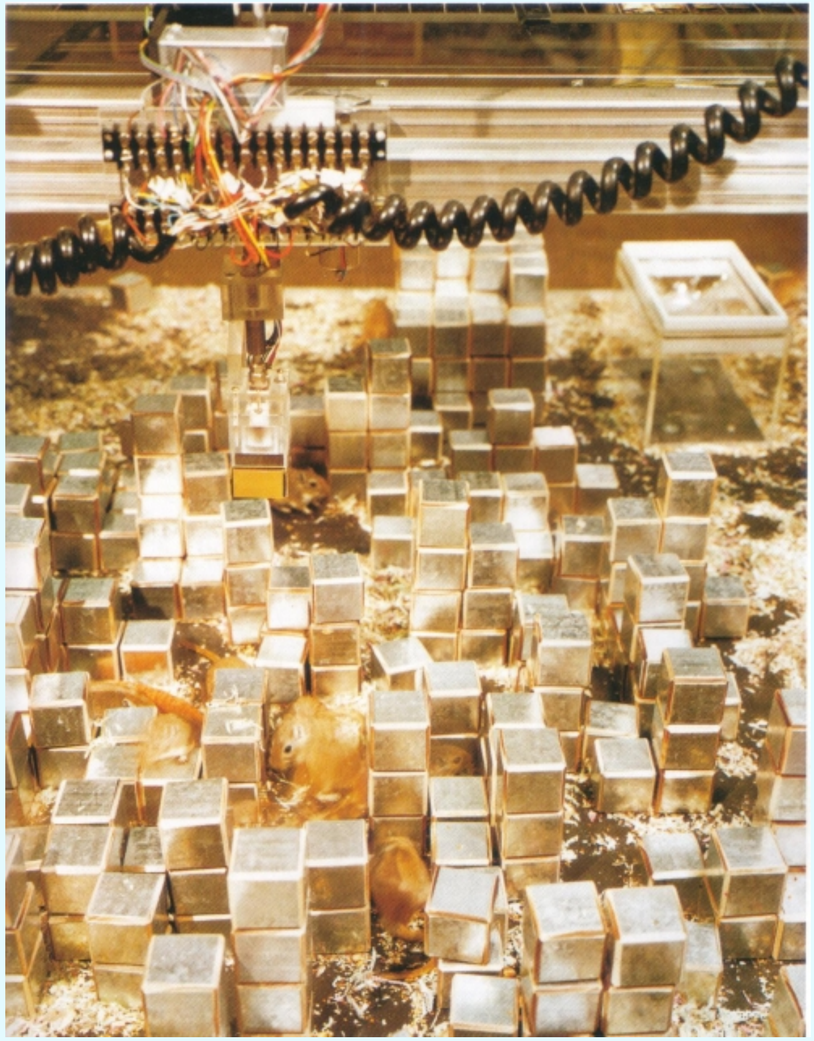
d.ML



# SEEK (1970)

Nicholas Negroponte &
Architecture Machine
Group (MIT)

d.ML



Examine design as *dialogic* between human and machine.

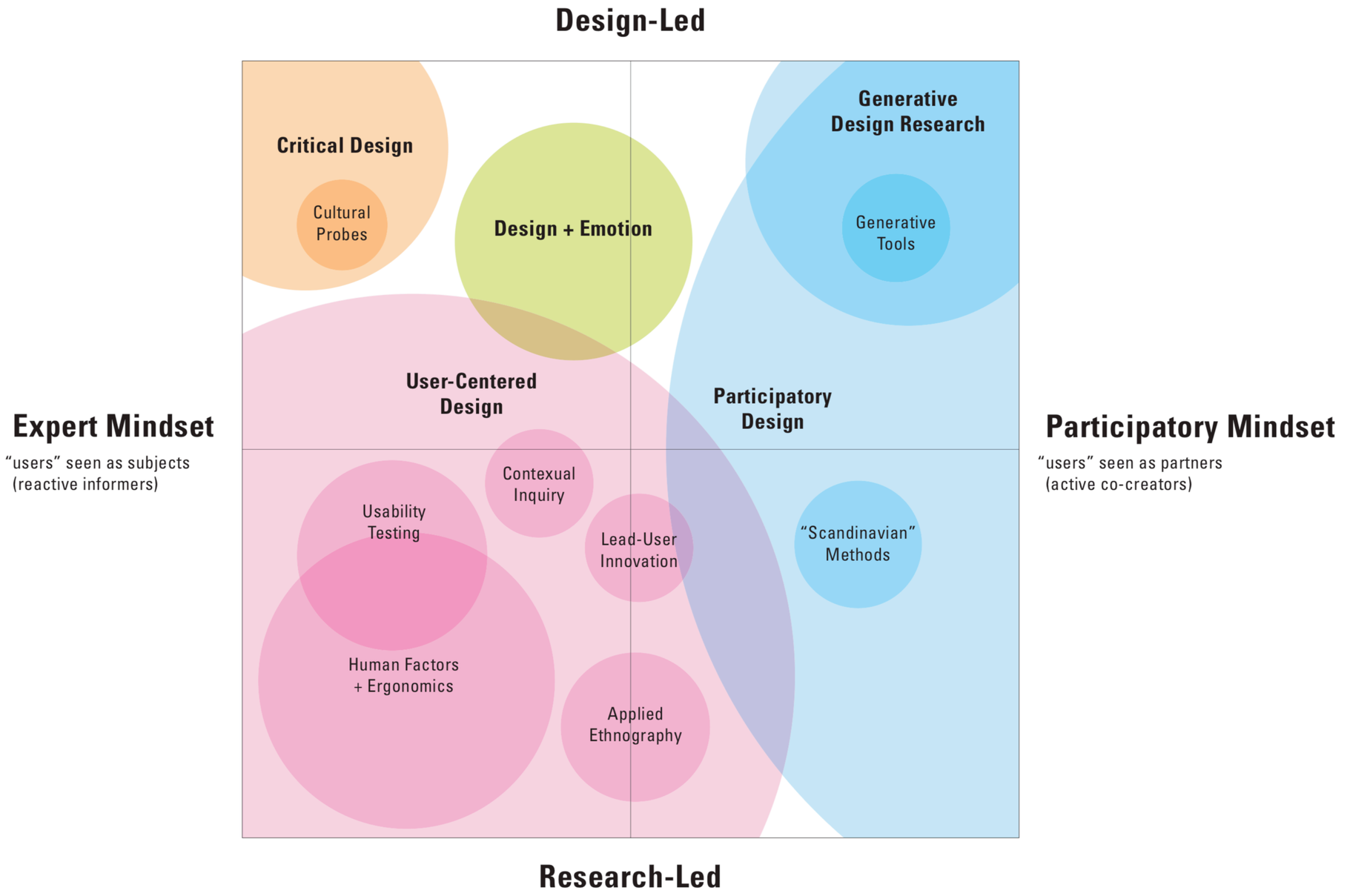
*Who is the architect?*

d.ML

# Generative Design

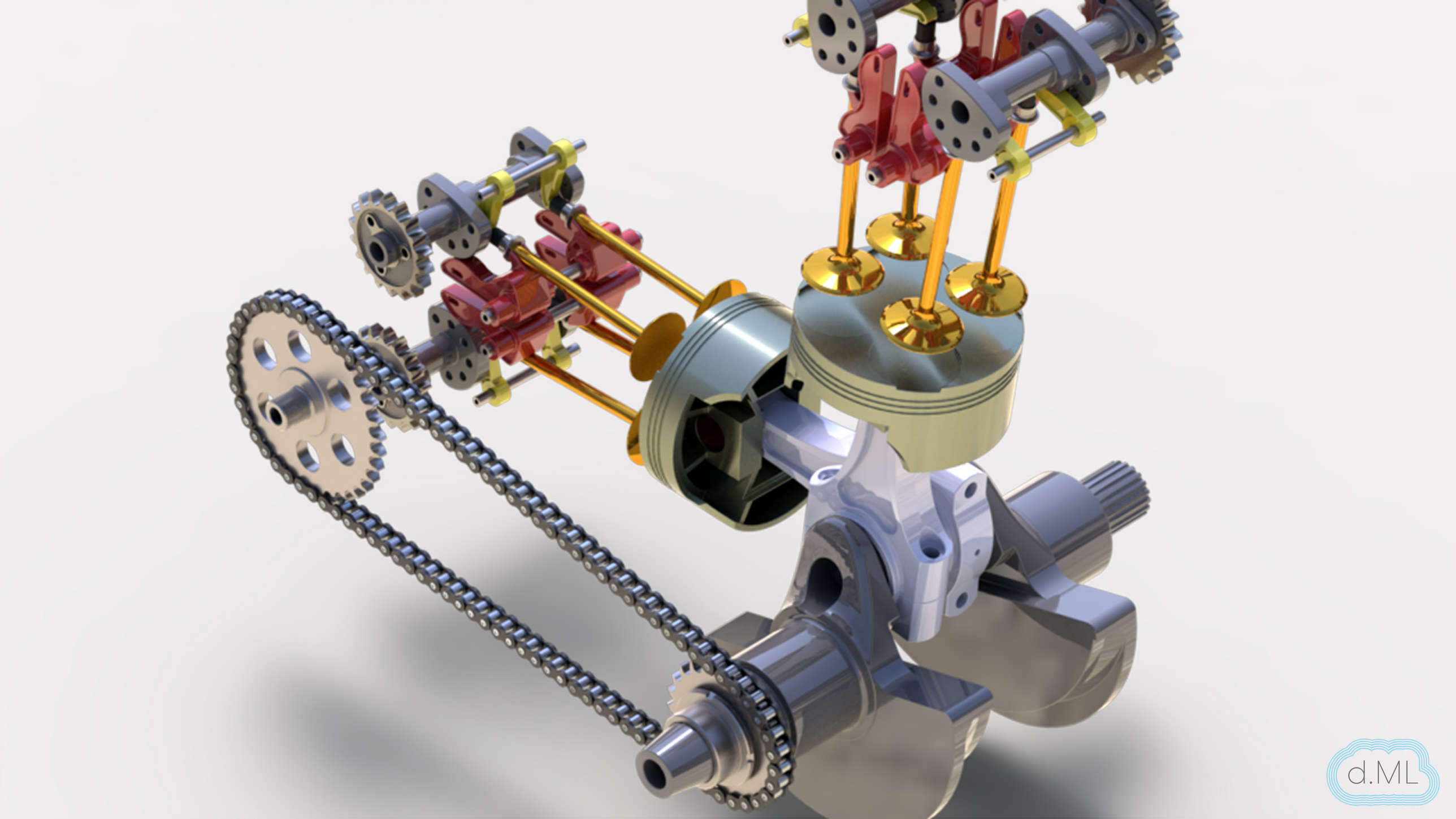
## By Example

d.ML



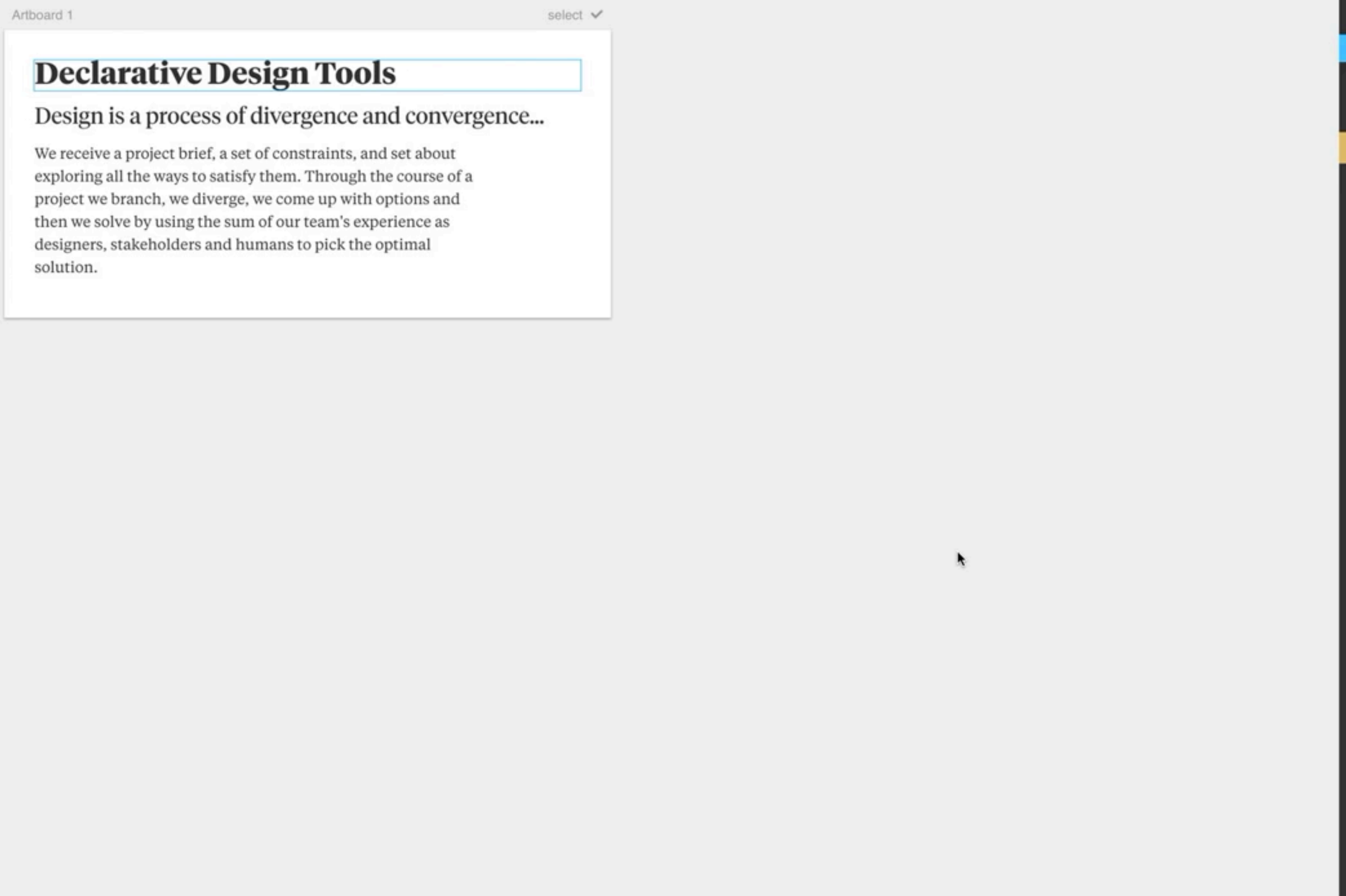

Liz Sanders. "An evolving map of design practice and design research." 2008

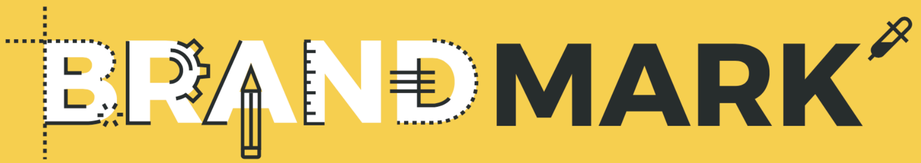
d.ML



d.ML

d.ML


Artboard 1
select
Declarative Design Tools
Design is a process of divergence and convergence...
We receive a project brief, a set of constraints, and set about exploring all the ways to satisfy them. Through the course of a project we branch, we diverge, we come up with options and then we solve by using the sum of our team's experience as designers, stakeholders and humans to pick the optimal solution.
box div
Aa h1
Aa h2
Aa p
type
box
Font Family
Tiempos Headline
Font Weight
700
Size
32
Line Height
1
Align
left
Indent
0
Case
initial
Letterspacing
0px
Margin Bottom
1rem

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TNW GQ TAXI by InVision Product Hunt

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●●●○○ T-Mobile LTE 10:58 AM 89%

# Detecting Tempo

Keep running...

STEPS/MIN

160

SKIP

RUNNING TO

Upbeat Run

**Be Mine!**

Robyn

STEPS/MIN

160

d.ML

# Magic Wand

d.ML

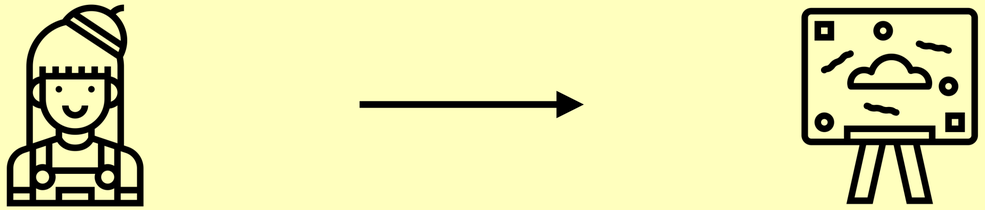
# Wizard Tool

d.ML

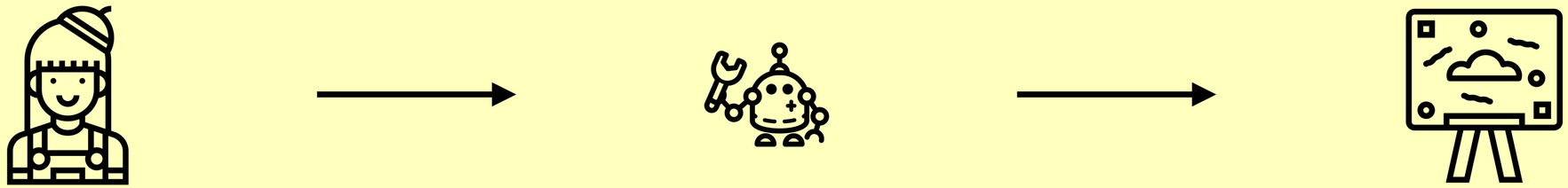
# Design Configurations

## In flow-charts

d.ML



d.ML



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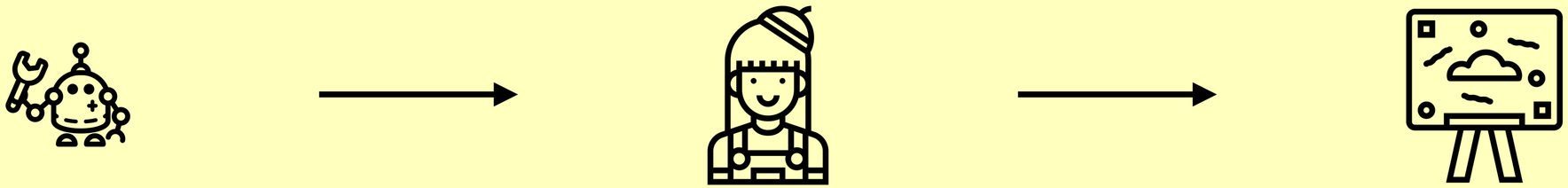

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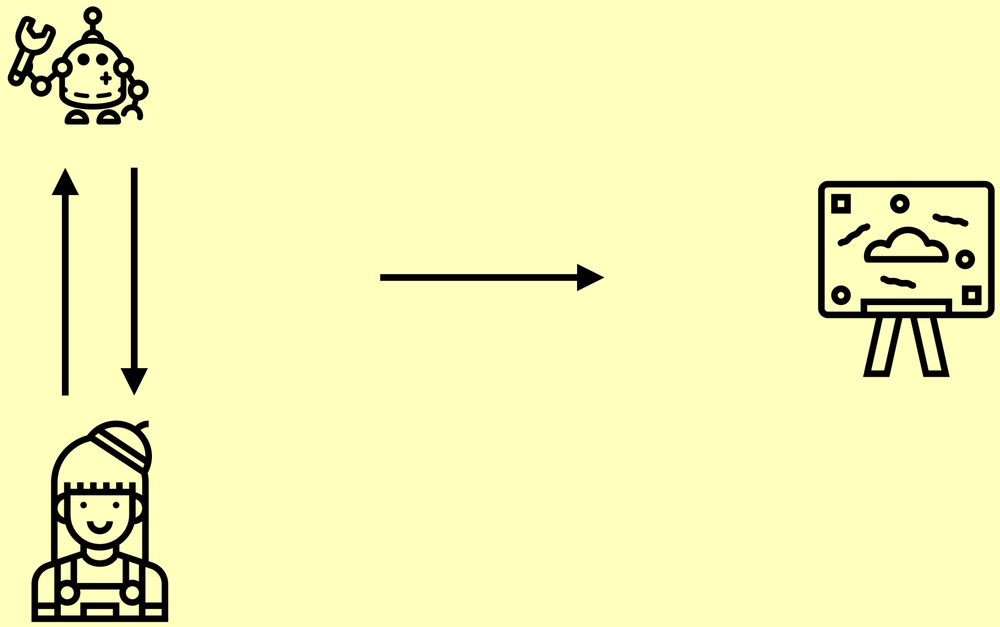

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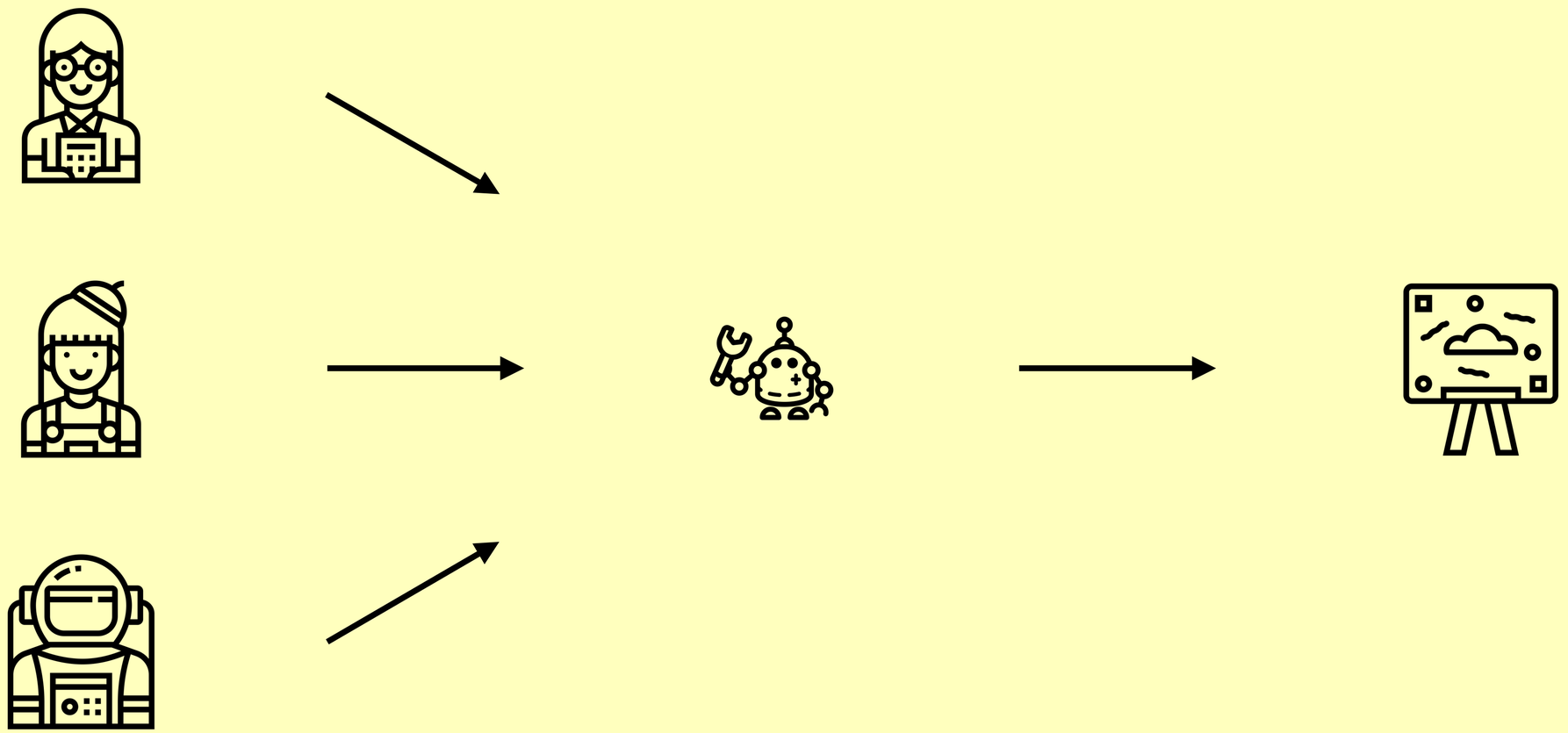
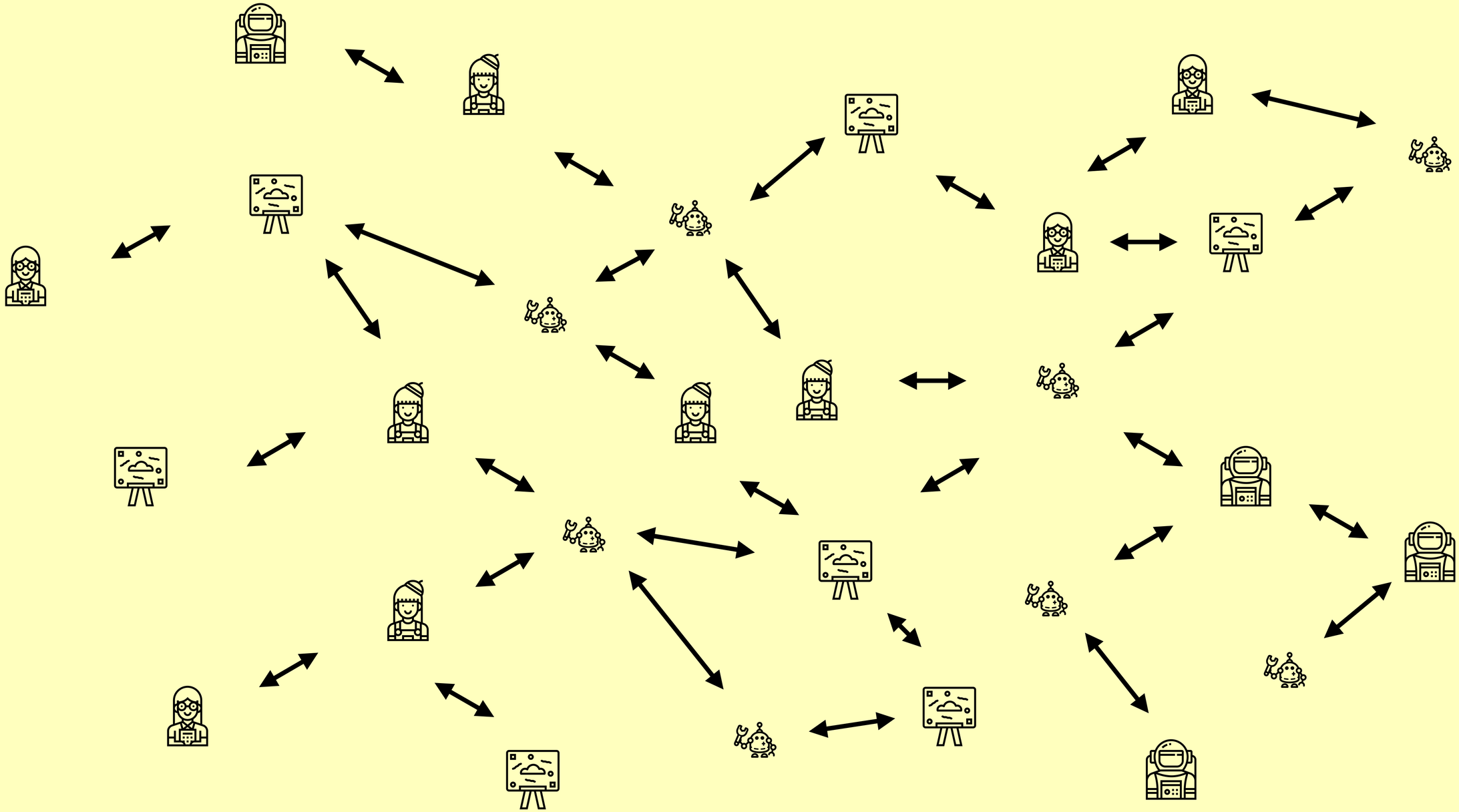
d.ML