

Explaining things clearly

Design tricks by a non-designer

ACADEMIC
PHILOSOPHY

INDUSTRY
PORTS, ETC.

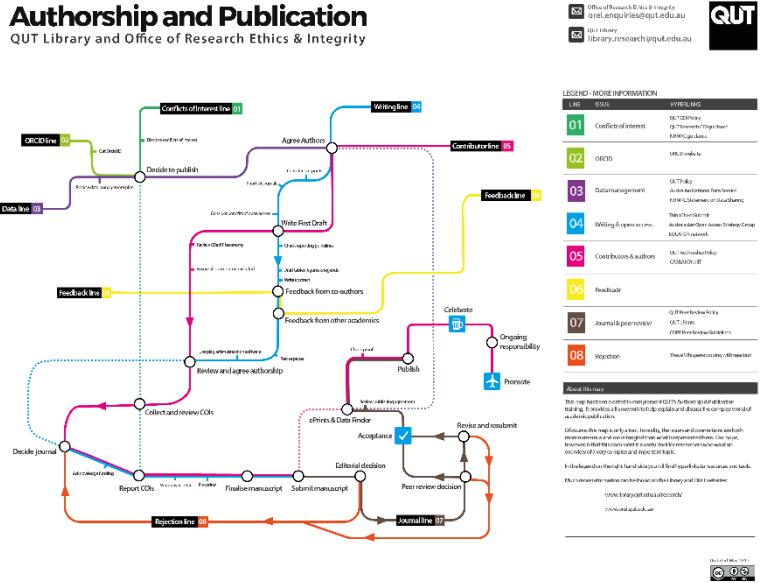
RESEARCH
INTEGRITY

1

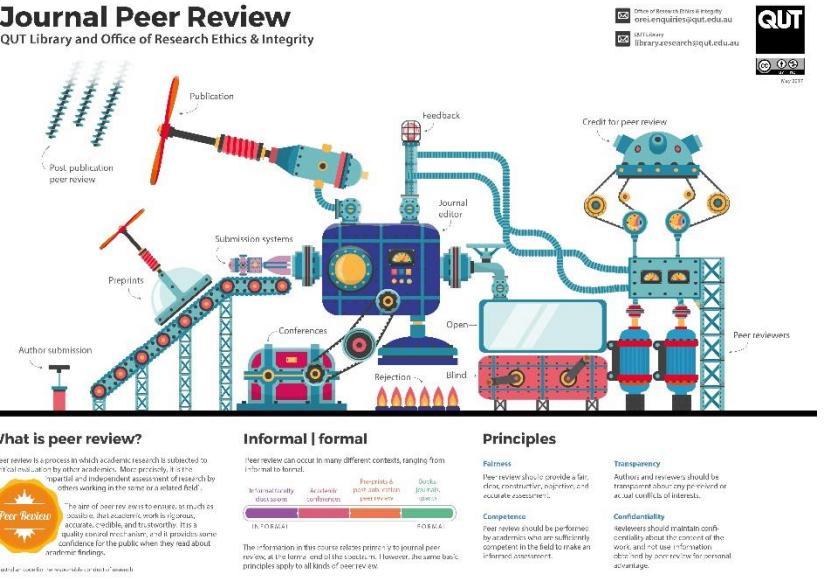
You don't just give them
flour, butter, eggs, and sugar;
you bake the cake
with them.

Authorship and Publication

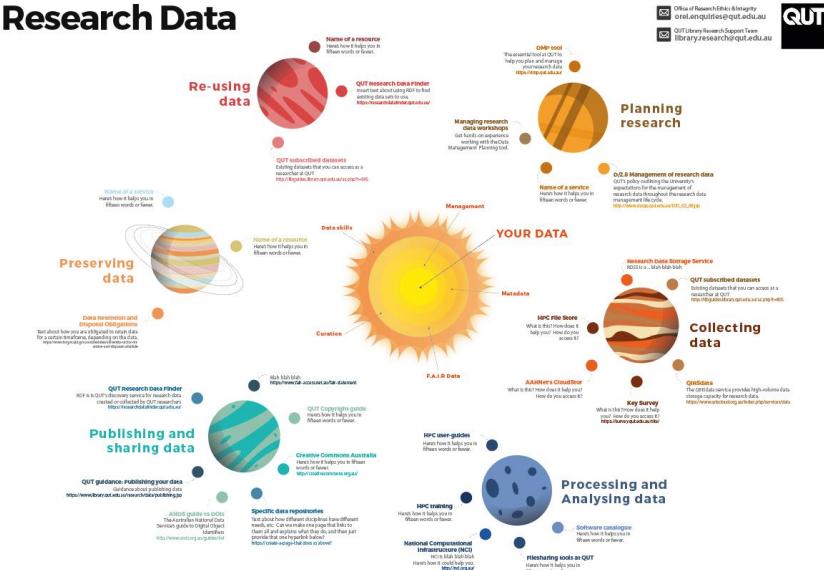
QUT Library and Office of Research Ethics & Integrity

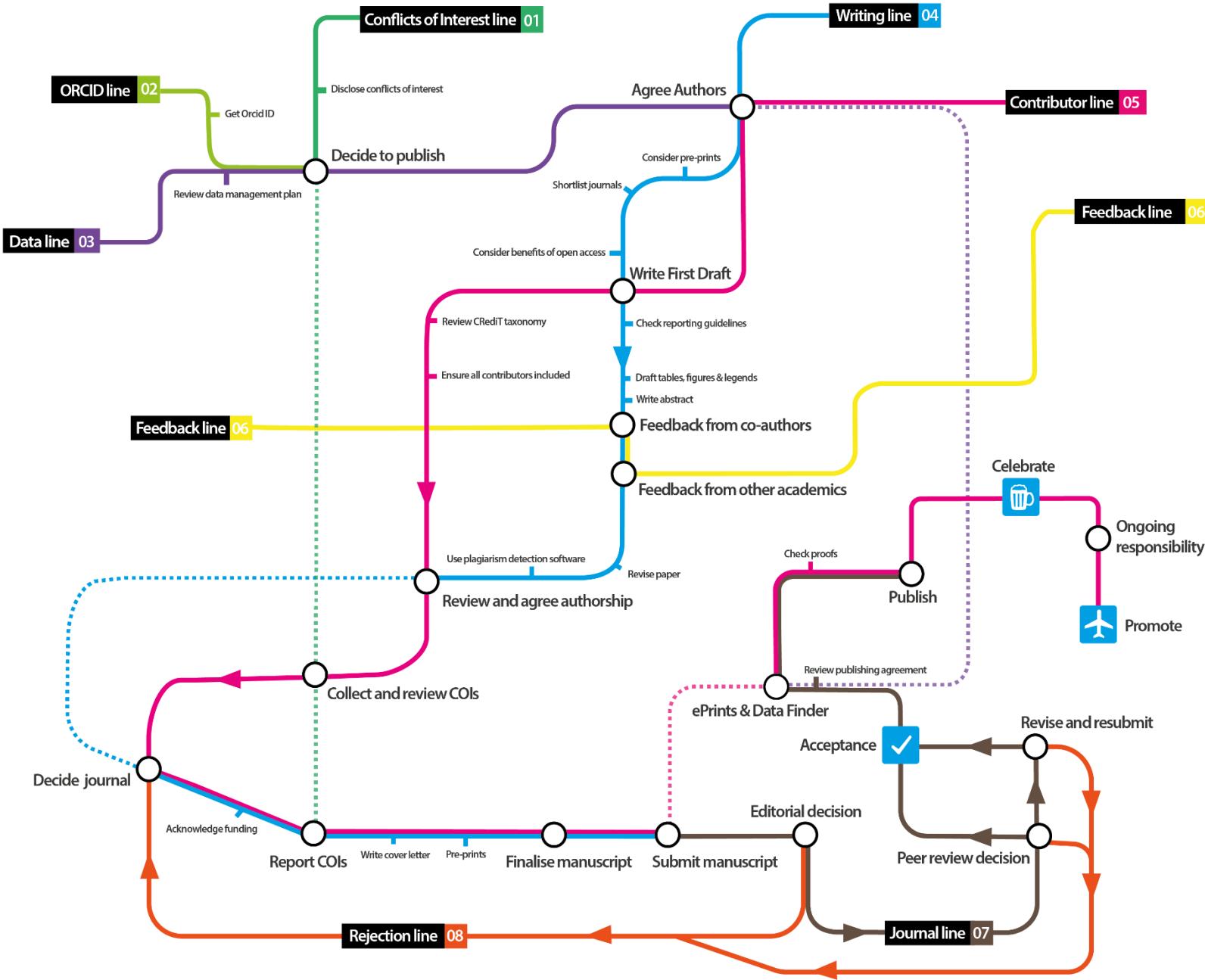


Journal Peer Review
QUT Library and Office of Research Ethics & Integrity



Research Data





LEGEND - MORE INFORMATION

LINE	ISSUE	Hyperlinks
01	Conflicts of interest	QUT COI Policy QUT Research COI guidance NHMRC guidance
02	ORCID	ORCID website
03	Data management	QUT Policy Australian National Data Service NHMRC Statement on Data Sharing
04	Writing & open access	ThinkCheckSubmit Australasian Open Access Strategy Group EQUATOR network
05	Contributors & authors	QUT Authorship Policy CASRAI CRediT
06	Feedback	
07	Journal & peer review	QUT Peer Review Policy QUT ePrints COPE Peer Review Guidelines
08	Rejection	Thesis Whisperer: coping with rejection

About this map

This map has been created to complement QUT's Authorship & Publication training. It provides a framework to help explain and discuss the complex world of academic publication.

Of course, this map is only a tool. In reality, the issues and connections are both more numerous and more tangled than what is represented here. Our hope, however, is that this document is a useful tool for researchers who want an overview of a very complex and important topic.

In the legend on the right-hand-side you will find hyperlinks to resources and tools.

Much more information can be found on the Library and OREI websites:

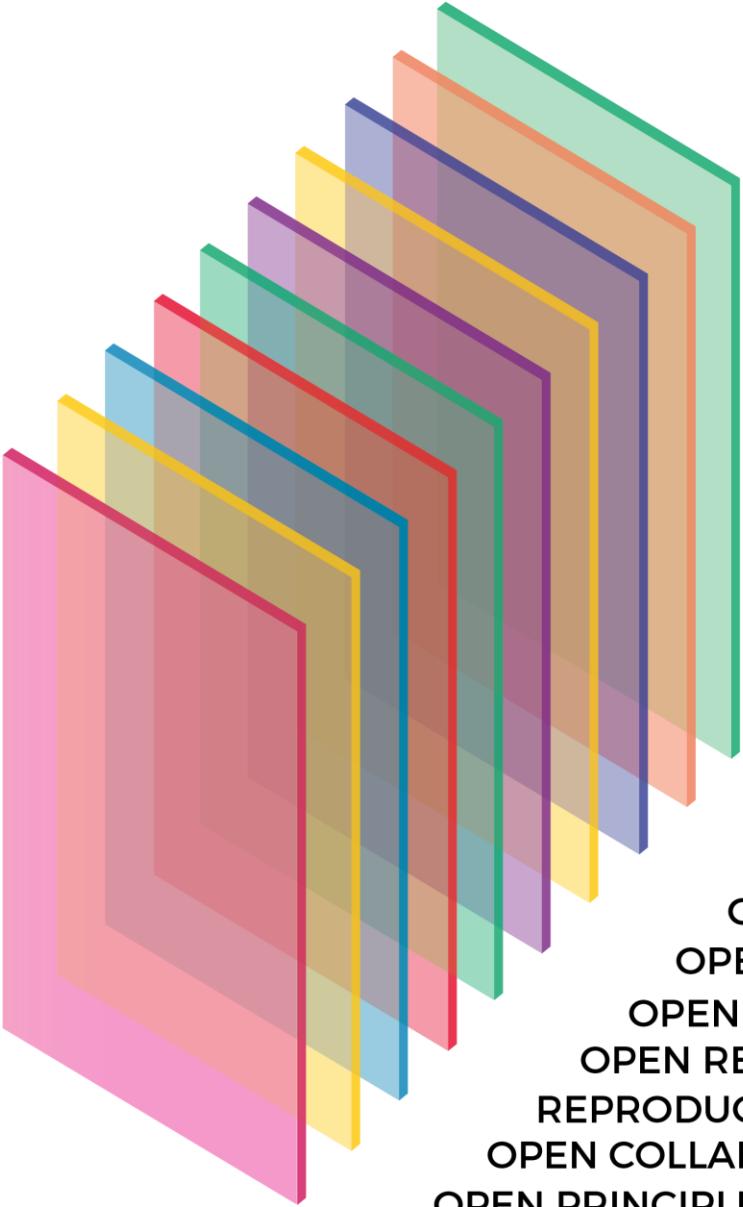
www.library.qut.edu.au/research/

www.orei.qut.edu.au

- a** You have a list of things.
- b** What is the structure of the list?
- c** Get a metaphor for the structure.

OPEN SCIENCE MOOC MODULES

1. Open Principles
2. Open Collaboration
3. Reproducible Research and Data Analysis
4. Open Research Data
5. Open Research Software and Open Source
6. Open Access to Research Papers
7. Open Evaluation
8. Public Engagement with Science
9. Open Educational Resources
10. Open Advocacy



OPEN SCIENCE MOOC

FREE | OPEN | LEARNING

OPEN ADVOCACY
OPEN EDUCATIONAL RESOURCES
PUBLIC ENGAGEMENT WITH SCIENCE
OPEN EVALUATION
OPEN ACCESS TO RESEARCH PAPERS
OPEN RESEARCH SOFTWARE & OPEN SOURCE
OPEN RESEARCH DATA
REPRODUCIBLE RESEARCH & DATA ANALYSIS
OPEN COLLABORATION
OPEN PRINCIPLES

Journal Peer Review

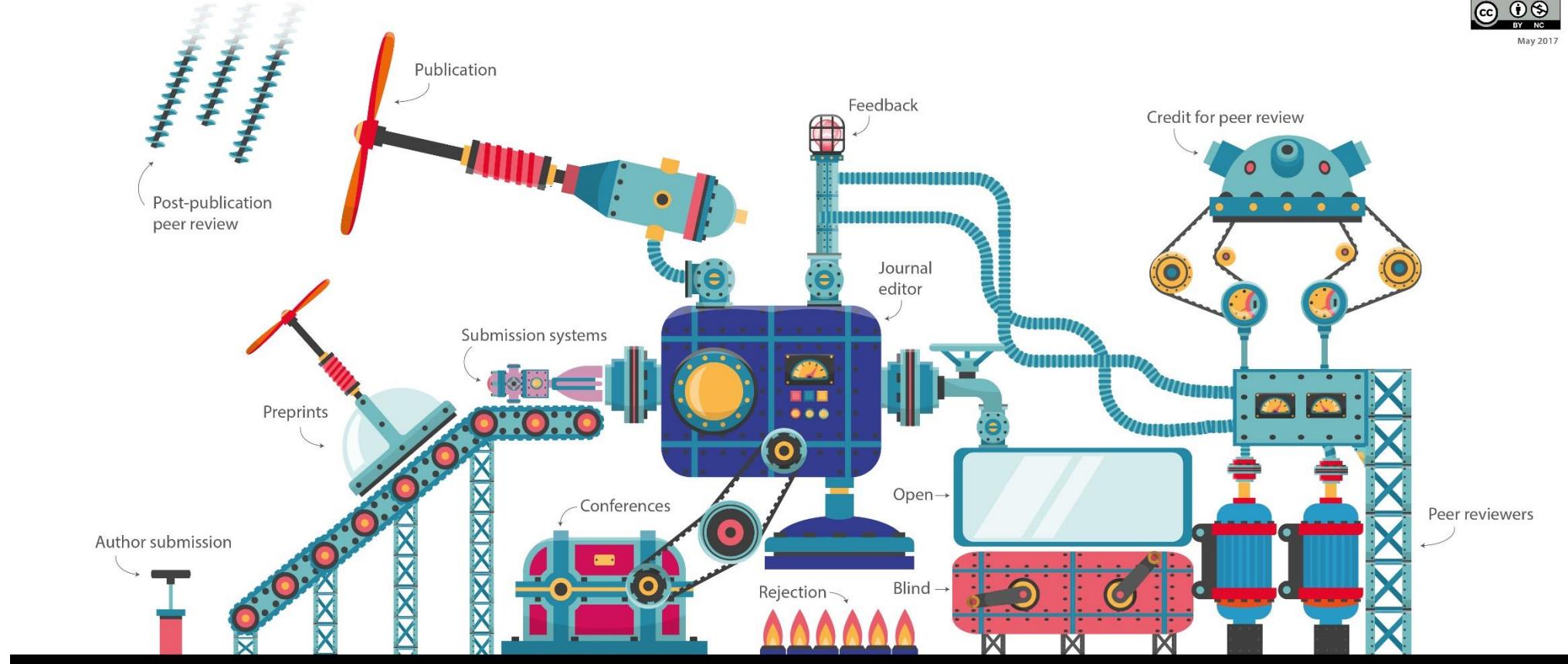
QUT Library and Office of Research Ethics & Integrity

Office of Research Ethics & Integrity
orei.enquiries@qut.edu.au

QUT Library
library.research@qut.edu.au



May 2017



What is peer review?

Peer review is a process in which academic research is subjected to critical evaluation by other academics. More precisely, it is the impartial and independent assessment of research by others working in the same or a related field¹.

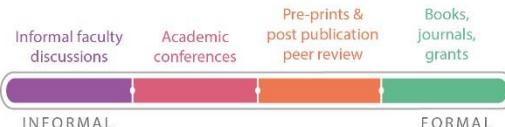


The aim of peer review is to ensure, as much as possible, that academic work is rigorous, accurate, credible, and trustworthy. It is a quality control mechanism, and it provides some confidence for the public when they read about academic findings.

¹Australian code for the responsible conduct of research

Informal | formal

Peer review can occur in many different contexts, ranging from informal to formal.



The information in this course relates primarily to journal peer review, at the formal end of the spectrum. However, the same basic principles apply to all kinds of peer review.

Principles

Fairness

Peer review should provide a fair, clear, constructive, objective, and accurate assessment.

Competence

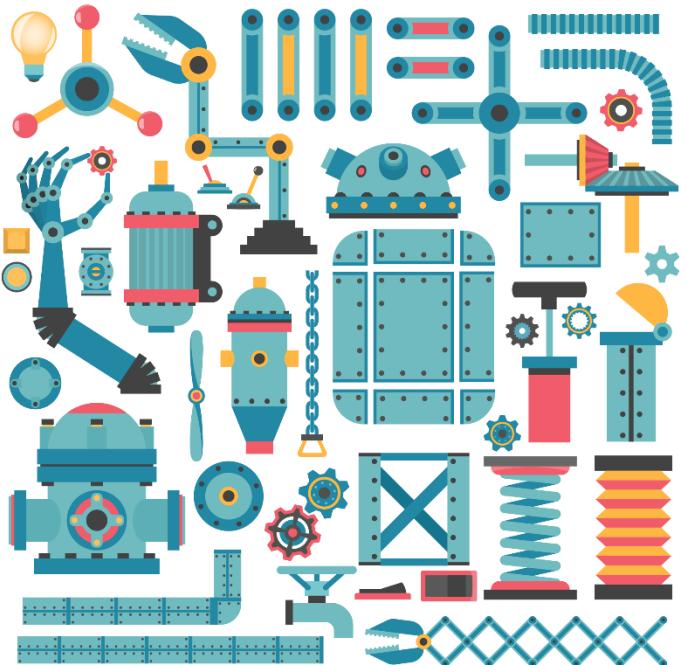
Peer review should be performed by academics who are sufficiently competent in the field to make an informed assessment.

Transparency

Authors and reviewers should be transparent about any perceived or actual conflicts of interests.

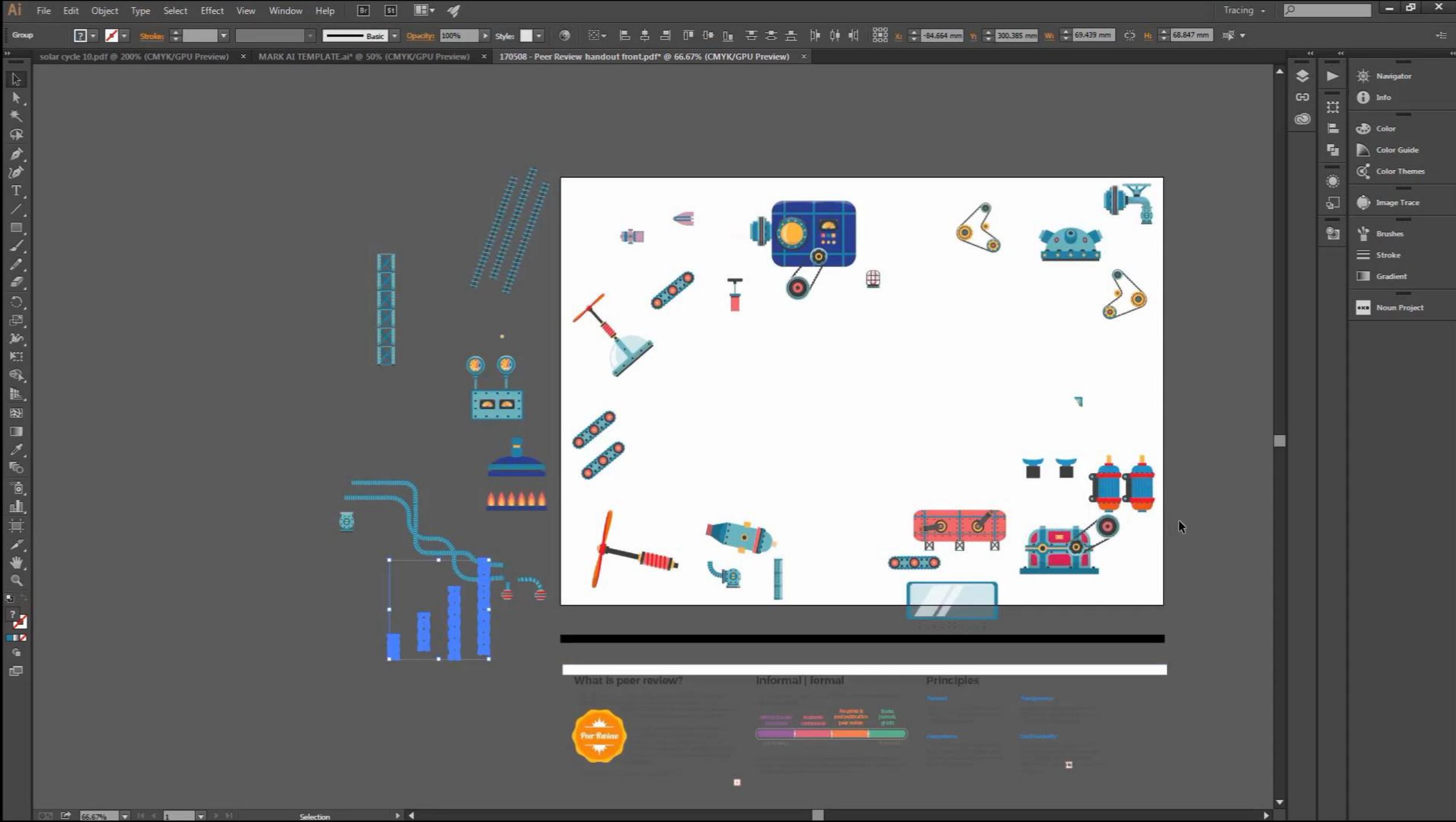
Confidentiality

Reviewers should maintain confidentiality about the content of the work, and not use information obtained by peer review for personal advantage.

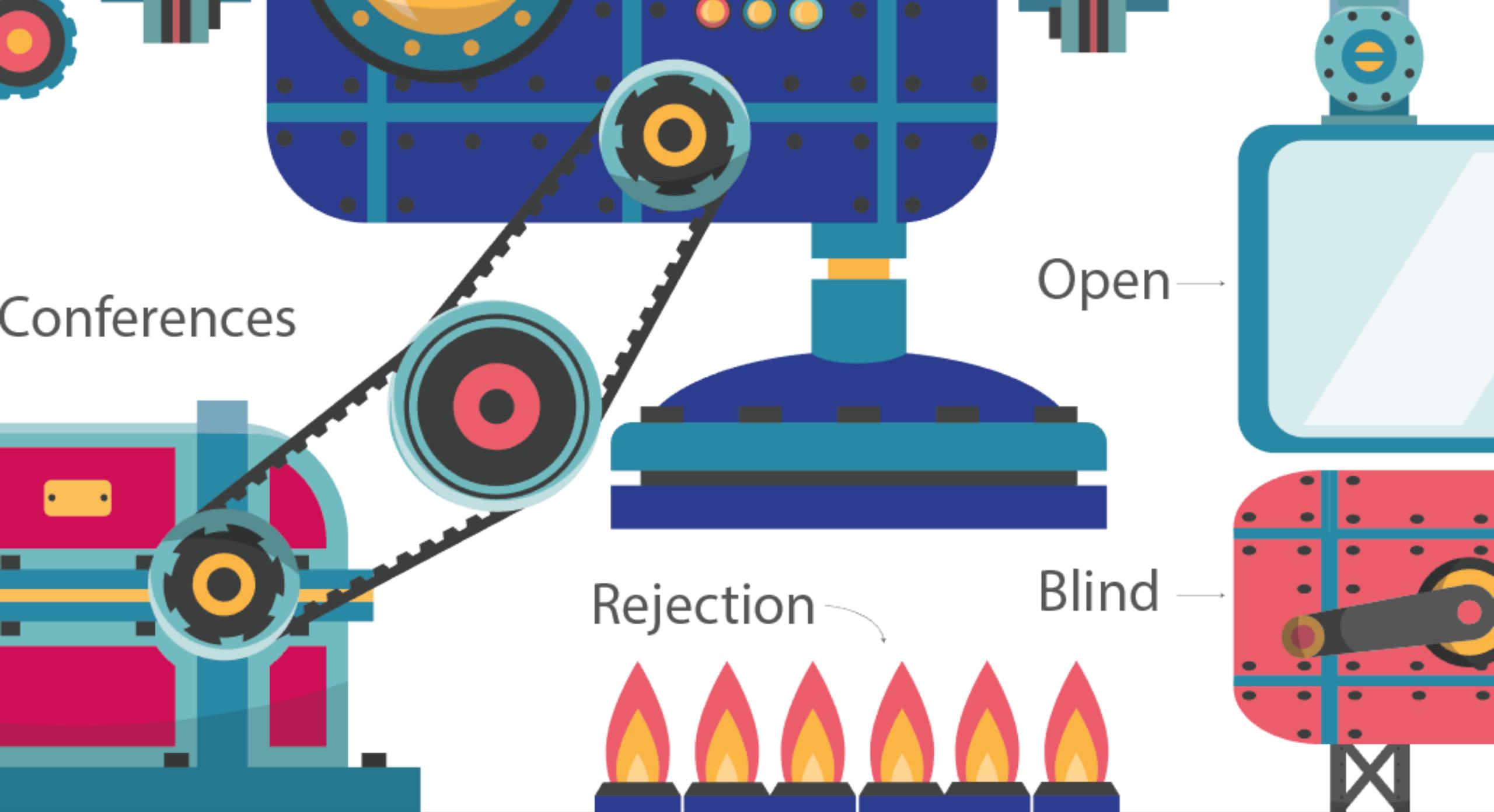


**I bought a kit for \$12
(with a discount voucher)**

Edited in Adobe Illustrator



d Milk the metaphor



2

Get everyone on the same page
literally

10 people
salary 130k
1.5 hours

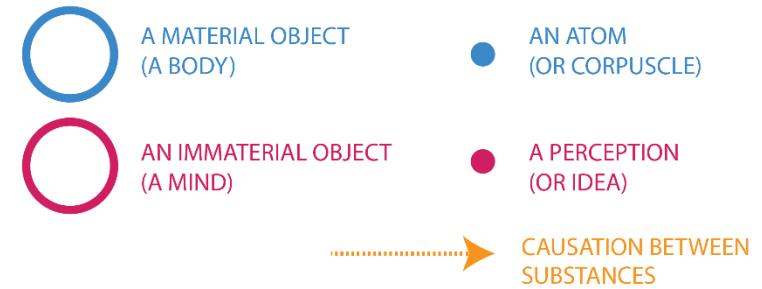
= **\$1,260**

[had to redact this slide,
sorry]

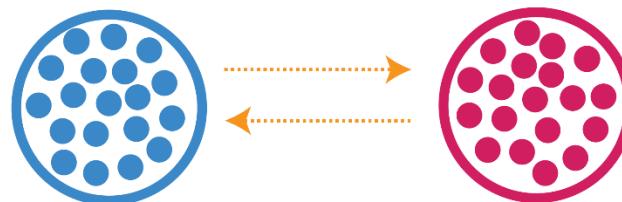
3

Impossibly complex topic?
Draw some circles and dots.

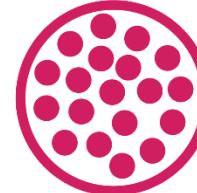
LEGEND



CARTESIAN



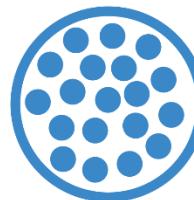
IDEALIST



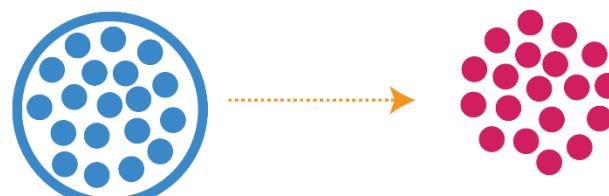
NEUTRAL MONIST



PHYSICALIST



EPIPHENOMENALIST



REDUCTIVE PHYSICALIST



4

Find some designs that you like;
learn how to make them.



Hilary Parker
@hspter

Follow

Good way of phrasing why data best practices
are very often not followed, from
@AngeBassa #csvconf



5:25 PM - 2 May 2017

9 Retweets 38 Likes



9



38



Slide by @AngeBassa at CSVConf.

It's only a particular shape,
filled with an emotive image,
and some Helvetica.

example slide.pptx - PowerPoint

FILE HOME INSERT DESIGN TRANSITIONS ANIMATIONS SLIDE SHOW REVIEW VIEW ACROBAT STORYBOARDING FORMAT

Cut Copy Paste Format Painter New Slide Section Slides

Font Paragraph Drawing Editing

Some Text Goes Here In Helvetica

Format Shape

SHAPE OPTIONS TEXT OPTIONS

FILL

- Solid fill
- Gradient fill
- Picture or texture fill
- Pattern fill
- Slide background fill

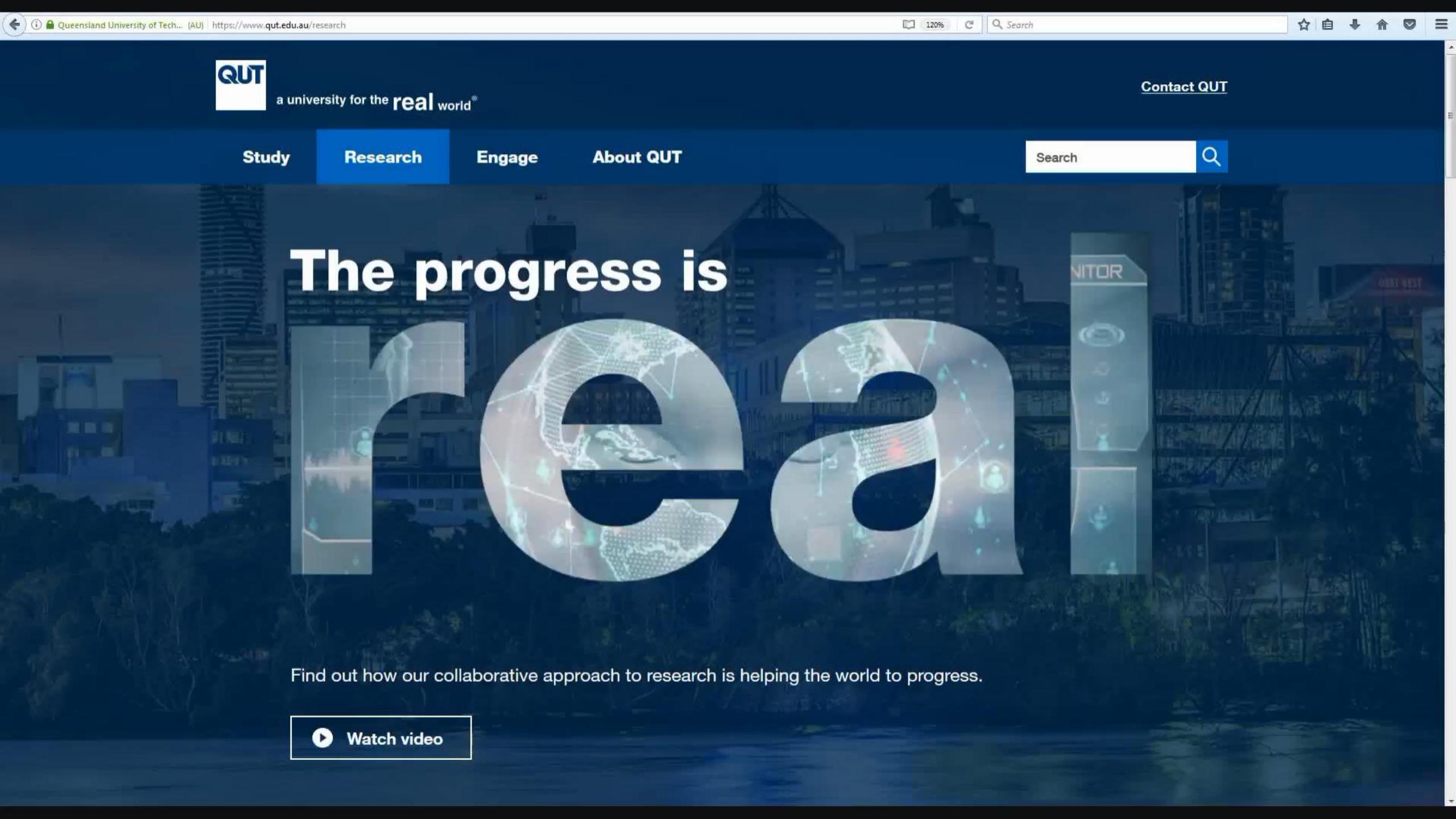
Color Transparency 0%

LINE

Some Text
Goes
Here
In
Helvetica



**Beware
Colourful
designs
that lack
nutritional
content**



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Search

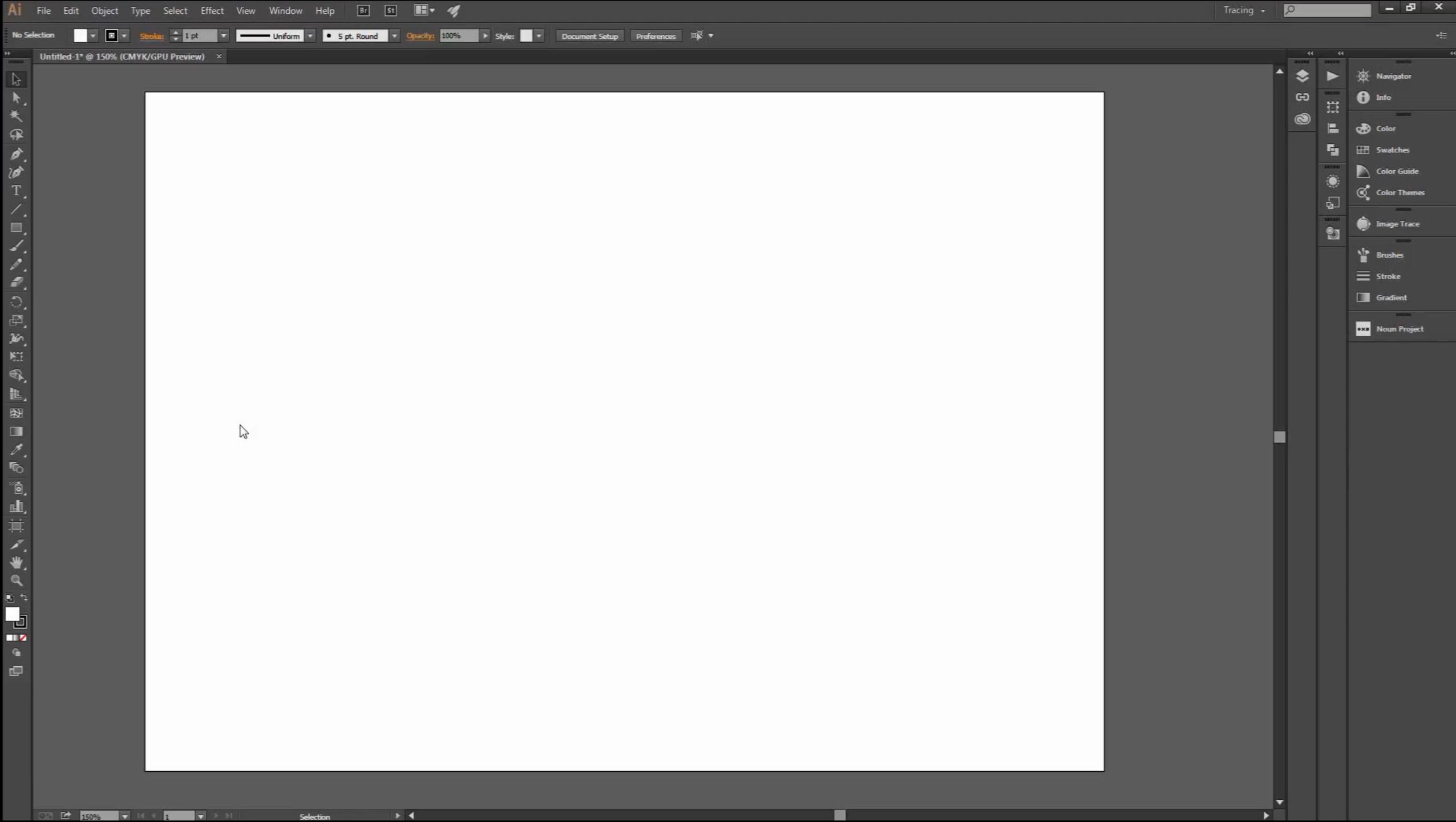


The progress is
real

Find out how our collaborative approach to research is helping the world to progress.



[Watch video](#)

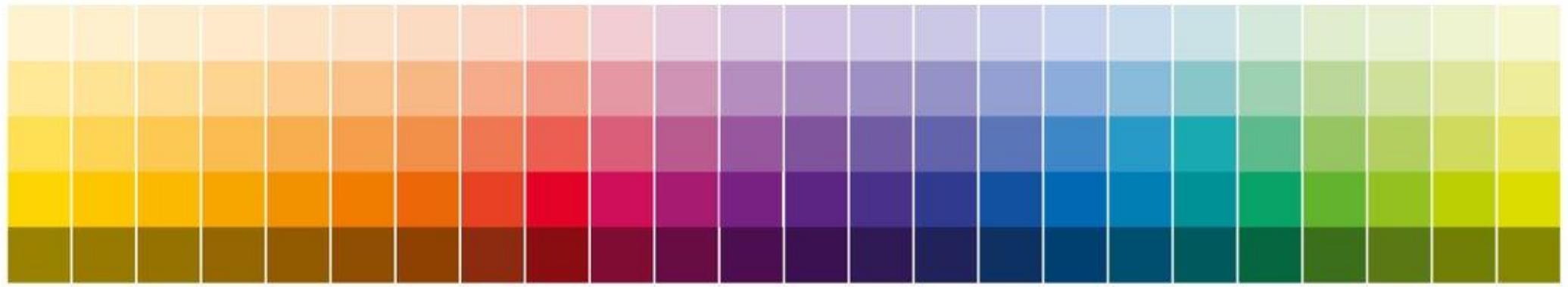


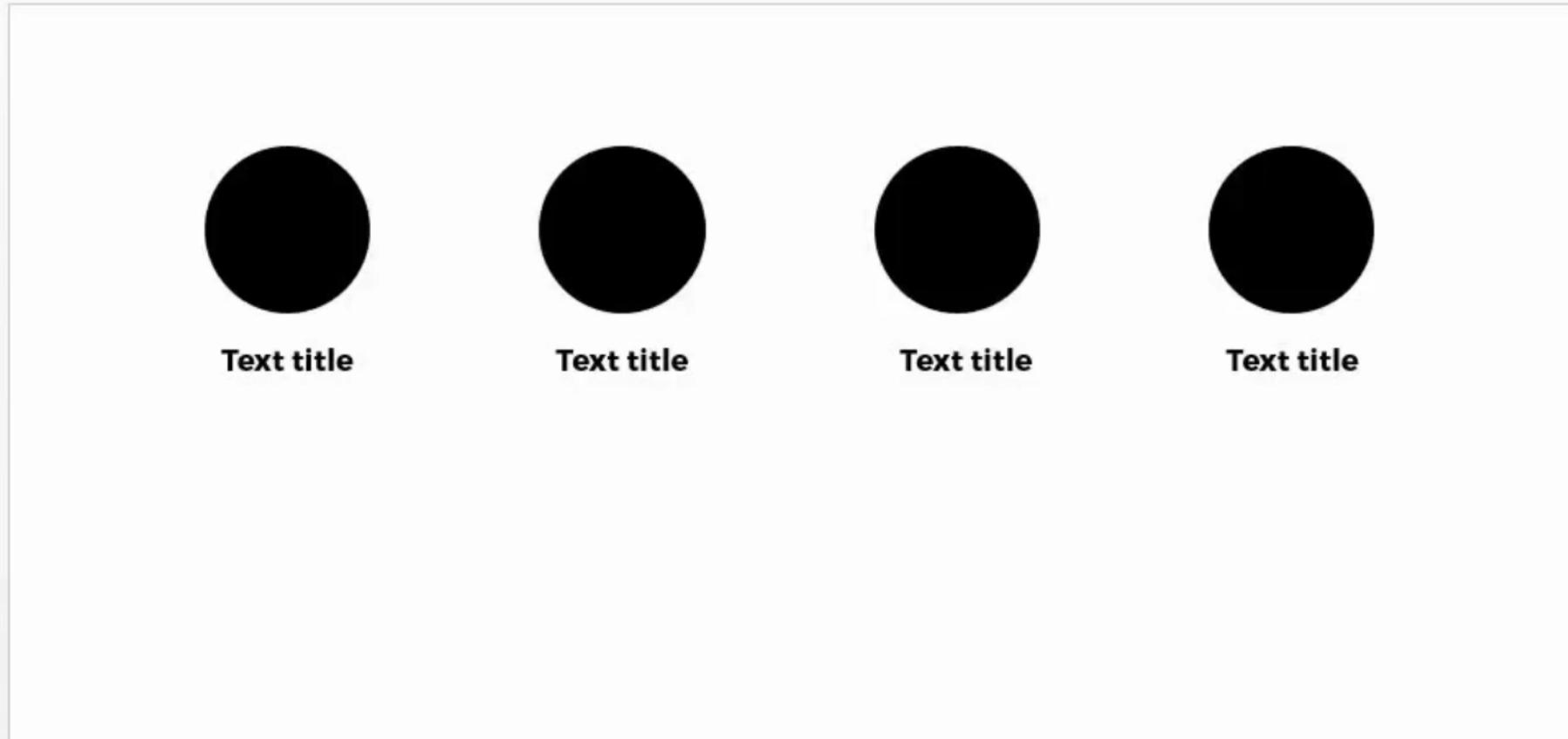
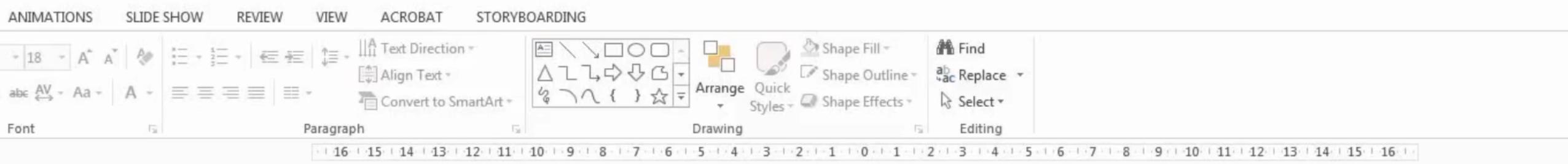
- a** Adobe Illustrator
- b** Any picture
- c** Any Image
- d** Make text extra bold
- e** Select both text and image
- f** Right click -> Make Clipping Mask

SCIENCE

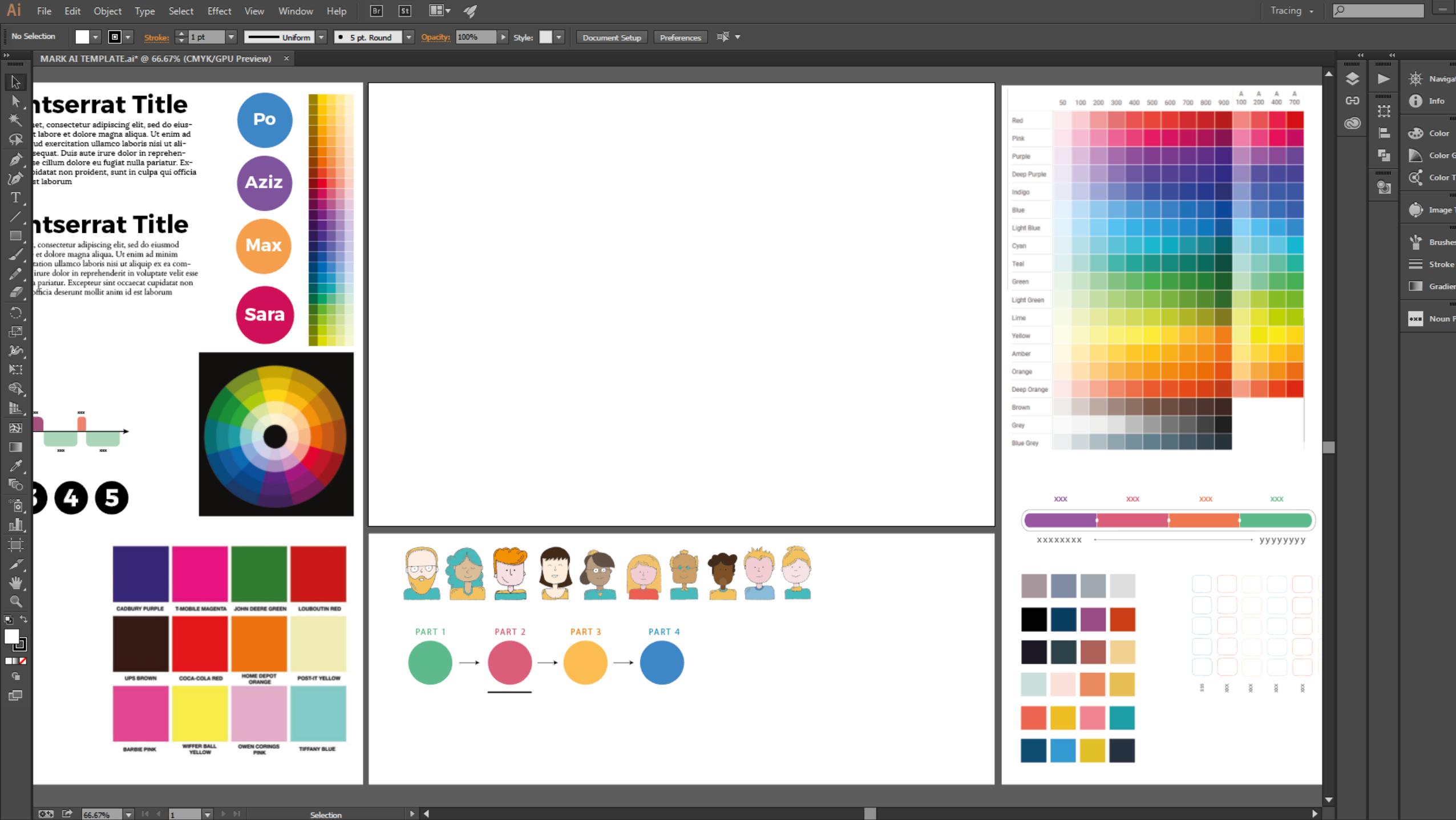
5

I suck at colour





- a** Any program with eye-dropper
- b** Import colour chart image
- c** Use dropper to take nice colours
- d** For objects of same type, stick to same row





i want hue

Colors for data scientists. Generate and refine palettes of optimally distinct colors.

Color space

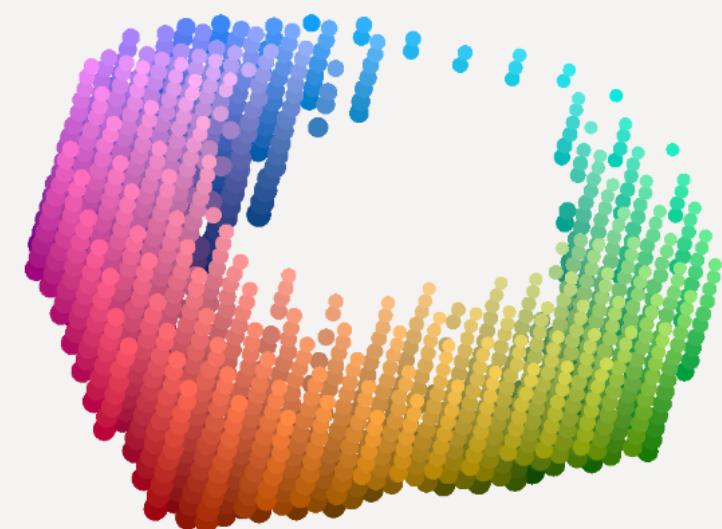
Colorblind friendly

H 0 360

C 40 70

L 15 85

- Improve for the colorblind (slow)
 Dark background



Palette

5 colors soft (k-Means)

Make a palette



We used:

[Sigma.js](#), [Prettify](#), [Bootstrap](#), [jQuery](#), [Modernizr](#), [Initializr](#)

Check our [GitHub](#).

See also our other tools at [Médialab Tools!](#)

And a huge **thanks** to these inspiring works:

[Chroma.js](#)

I massively use this excellent js library to convert colors. If you have not done it yet, look at [this post](#). You'll understand much useful things about colors.



SciencesPo.

médialab

Developed by Mathieu Jacomy
at the [Sciences-Po Medialab](#)

Help, bug report or contacting us:

[GitHub Issues](#).

6

Boo, corporate stock music;
Hurrah, CC music

- a** Find a YouTube channel you like
- b** Good background music?
- c** Where did they get it?
- d** Maybe it's Creative Commons!



BINGING WITH BABISH S1 • E75

Binging with Babish: Crème Brûlée from Amelie

1,377,068 views



Binging with Babish

Published on Apr 3, 2018

Amelie has no boyfriend. Instead, she has a grab-bag could be more twee or french than all the dainty little crème brûlée? Use your culinary torch for something once, and follow along as we recreate this delectable

Music: "Juparo" by Broke for Free
<https://soundcloud.com/broke-for-free>

<https://www.bingingwithbabish.com/pod...>

Ad closed by Google

Stop seeing this ad

Why this ad? ⓘ

Up next

AUTOPLAY 

BINGING WITH BABISH S1 • E76

Binging with Babish: Shawarma from The Avengers

Binging with Babish
2.1M views

Binging With Babish Cooks In-N-Out and Shake Shack

First We Feast
1.4M views

BINGING WITH BABISH S1 • E80

Binging with Babish: The Sloppy

Music: "Juparo" by Broke for Free
<https://soundcloud.com/broke-for-free>

You came this way: [Home](#) > [Broke For Free](#) > Petal



Petal

 by Broke For Free

Album Description

[» LOG IN TO TAG](#)GENRES: **Electronic****Instrumental**

LENGTH: 00:58:33

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Petal

UPLOADED: 06/22/2014

LISTENS: 375756

STARRED: 66

COMMENTS: 4

DOWNLOADS: 106391

EMBED THIS ALBUM:

<object width="300" height="520"

[» VIEW ARTIST PAGE](#)

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01. Golden Hour (05:08)



02. Summer Spliffs (04:37)



03. Wash Out (03:28)



04. Melt (04:21)



05. Juparo (04:08)



06. A Beautiful Life (04:49)



07. XXV (04:00)



08. Feel Good (Instrumental) (04:21)



09. Add And (04:09)

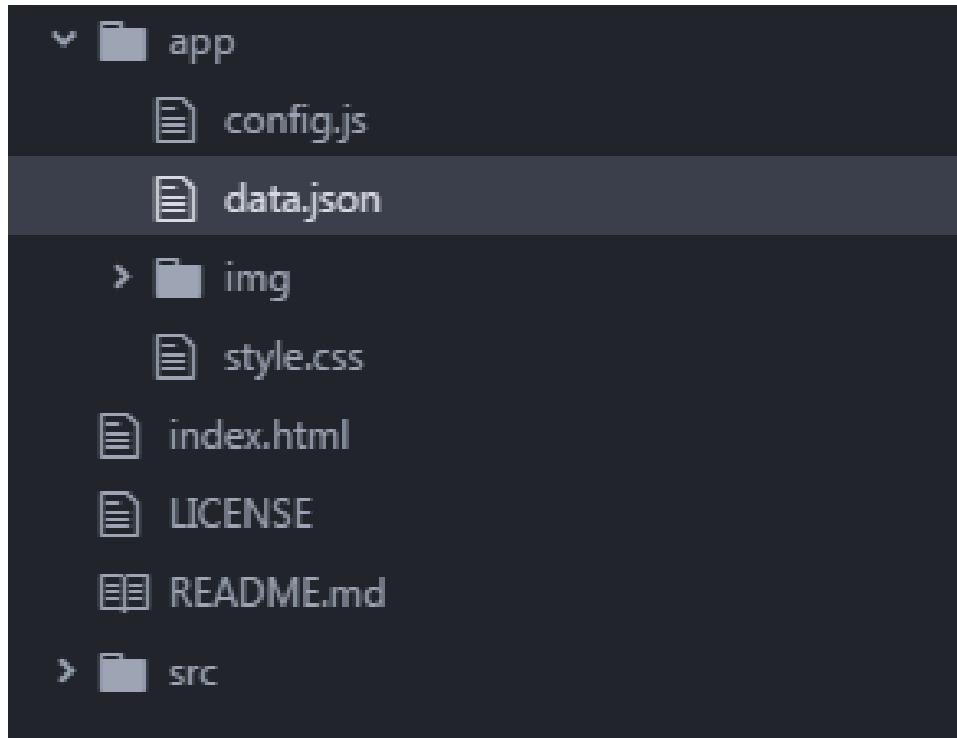


10. Love Is Not (04:09)



7

Other nerds have already
done all the hard work



Example: **Using Monadic Exploration by Marian Dork.**

<http://markhooper.io/openscience/>

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100019, 100021, 100031, 100034], {"id": 100029, "type": 7, "title": "Women Working in Openness Database", "text": "Compiled by vickysteeves", "url": "http://fyoaw.vickysteeves.com/," , "links": [100001, 100008, 100012, 100013, 100016, 100018, 100024, 100026, 100027, 100028, 100030], {"id": 100030, "type": 7, "title": "Open Speakers Database", "text": "A crowdsourced database of regional experts on Open Access, Open Education, and Open Data", "url": "https://openspeakers.org/," , "links": [100008, 100012, 100013, 100024, 100026, 100027, 100028, 100029], {"id": 100031, "type": 3, "title": "The FAIR Data Principles", "text": "Force11 - FAIR Data Principles - findable, interoperable, accessible, reusable", "url": "http://www.force11.org/group/fairgroup/fairprinciples/," , "links": [100001, 100008, 100010, 100011, 100012, 100013, 100014, 100018, 100032, 100034], {"id": 100032, "type": 3, "title": "Creative Commons Licence Chooser", "text": "A tool to select the right Creative Commons 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998,100999]}
```

Any unique ID

Category

Title of item

Description of item

```
{"id":100000,"type":5,"title":"TITLE","text":"TEXT",  
"url":"http://website.com/","links":[100997,100  
998,100999]}
```

Which other ID's do
you want to link this
item to?

URL

The screenshot shows the official website for Shuffle.js. At the top, there's a navigation bar with links for 'Docs', 'Demos', 'FAQ', and a GitHub icon. Below the header, the word 'Shuffle' is prominently displayed in a large, bold, dark font. Underneath it, a subtitle reads 'Categorize, sort, and filter a responsive grid of items'. A section titled 'Install' provides instructions to 'npm install shufflejs'. Below this, there's a button to 'Start a CodePen with a Shuffle template' and a link to 'See the latest releases'. A 'Search' input field is followed by a 'Filter' section containing four categories: 'Space', 'Nature', 'Animal', and 'City'. To the right, there's a 'Sort' section with three options: 'Default' (which is selected), 'Title', and 'Date Created'.

Example: Using Shuffle.js

<http://markhooper.io/foods.html/>

```
<li class="col-md-2 col-sm-4 col-xs-6" data-groups='["weekend", "freezer"]'>
  <figure class="portfolio-item">
    <a href="http://www.esquire.com/food-drink/food/a8376/lamb-ragu-0910/" target="_blank">
      
    </a>
  </figure>
</li>

<li class="col-md-2 col-sm-4 col-xs-6" data-groups='["weekend"]'>
  <figure class="portfolio-item">
    <a href="https://www.theguardian.com/lifeandstyle/2010/oct/09/mejadra-recipe-yotam-ottolenghi" target="_blank">
      
    </a>
  </figure>
</li>

<li class="col-md-2 col-sm-4 col-xs-6" data-groups='["weeknight"]'>
  <figure class="portfolio-item">
    <a href="http://donnahaynotimetocook.blogspot.com.au/2011/10/mustard-lamb-with-rosemary-potatoes.html" target="_blank">
      
    </a>
  </figure>
</li>
```