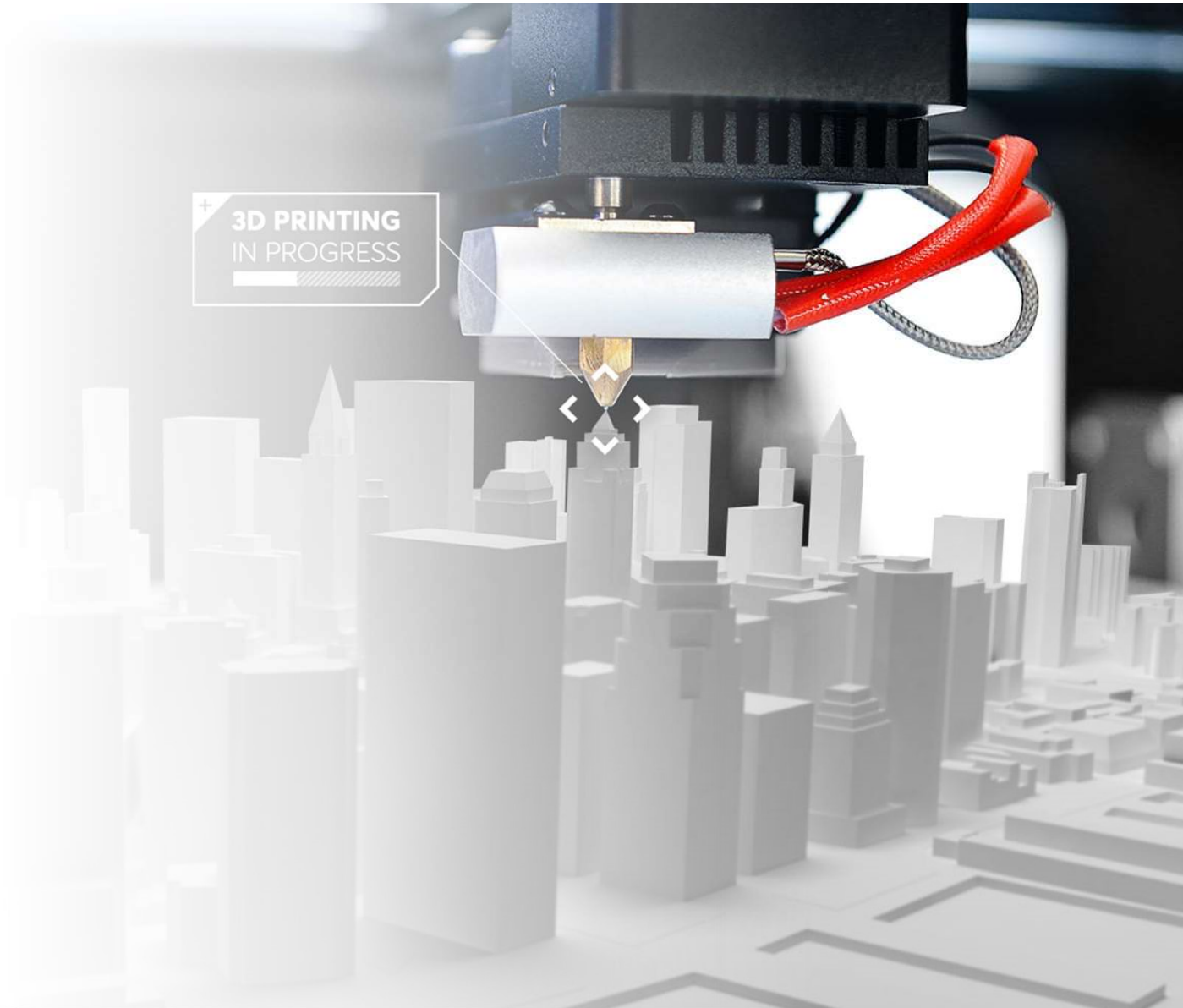# 547 Info Viz Project Pitch

Ryan Smith

Some background

- We've been discussing a lot of data viz in the context of computer screens and 2D interfaces.

- What if we made something that you could physically hold?

- What if we personalized it too?

- Did you know that we have multiple 3D printers on campus?
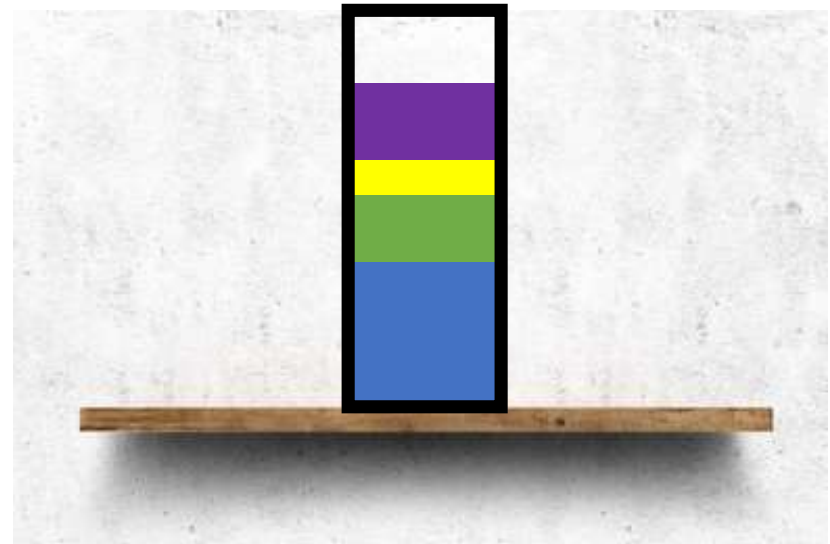 - Two at the bookstore that are open for use.

What I'm thinking

- The user will go to a website that we construct and input their data.
  - The data will be very simple and act as 3D coordinates to construct our data token.
- After they enter the information on the website, they get a 3D printer file.
- They bring this file to the UBC bookstore and print out the data token.
- They can then go home and place it on their desk or shelf to share.
- They will then repeat this process every week, month, semester, year, etc.
  - They would connect to each other like Legos.

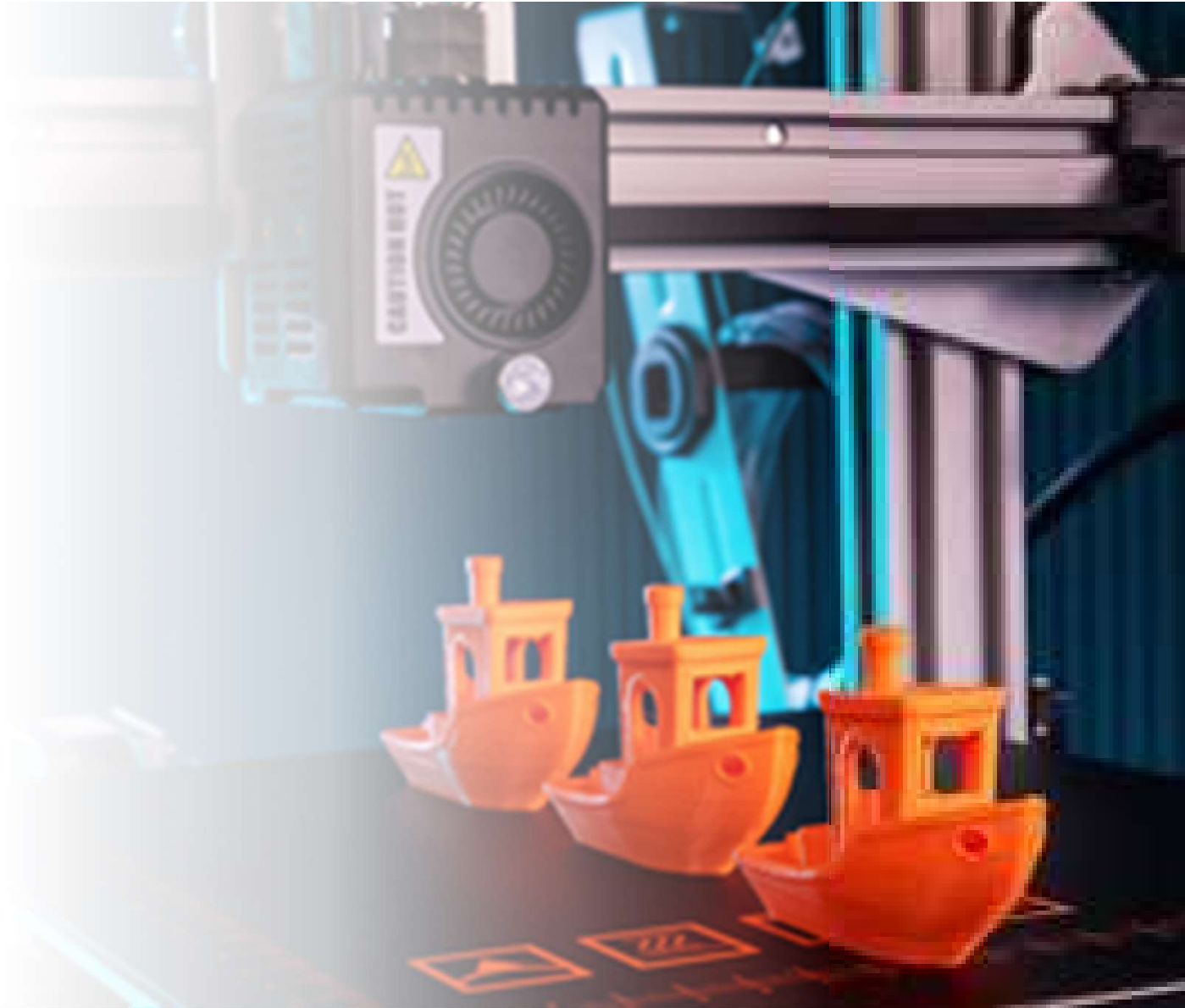# We could take this project in a few ways and embellish it in different manners.

Weight loss

Budgeting

Why should you join me?

- I mean this is pretty cool, come on.
    - And fun!

- This is a really good opportunity to learn about 3D printing.
    - I don't have any background in 3D printing so we can learn together.

- The project idea is flexible.
    - My idea uses 3D printing, but this can change if you have another method you think would be cool for these physical representations of data.
    - We can choose a specific problem and figure out the best way to present the information in this form.

Let me know if you are interested in joining!