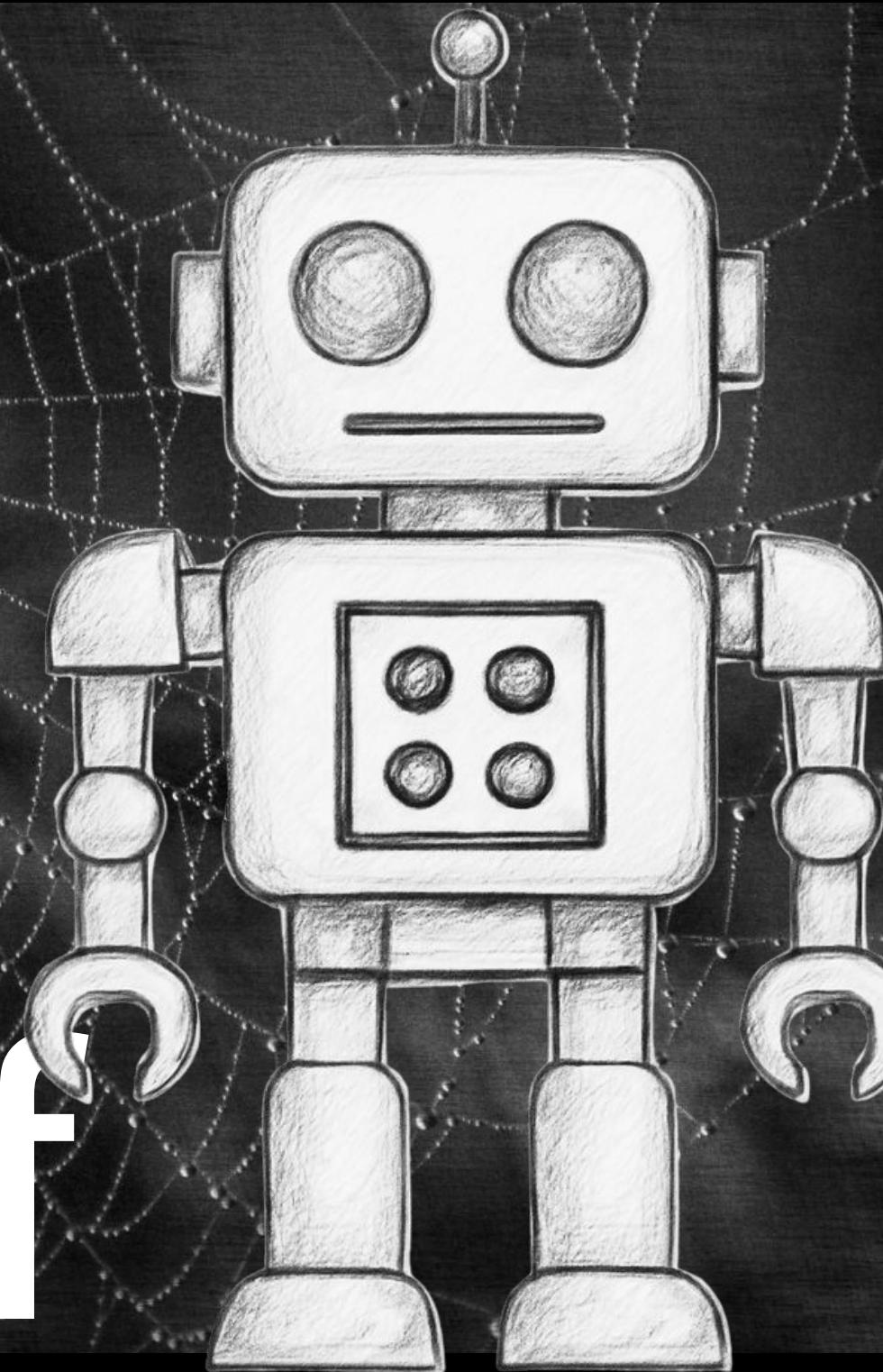




The Scary Story Of Chinese Mexicans



Robo

WHO OR

In this story, Robo represents artificial intelligence itself. His hunger symbolizes the growing number of jobs and professions that AI is replacing in CANADA, leaving many workers, especially those in midlife, facing uncertainty, pressure to retrain, and fewer viable career paths.

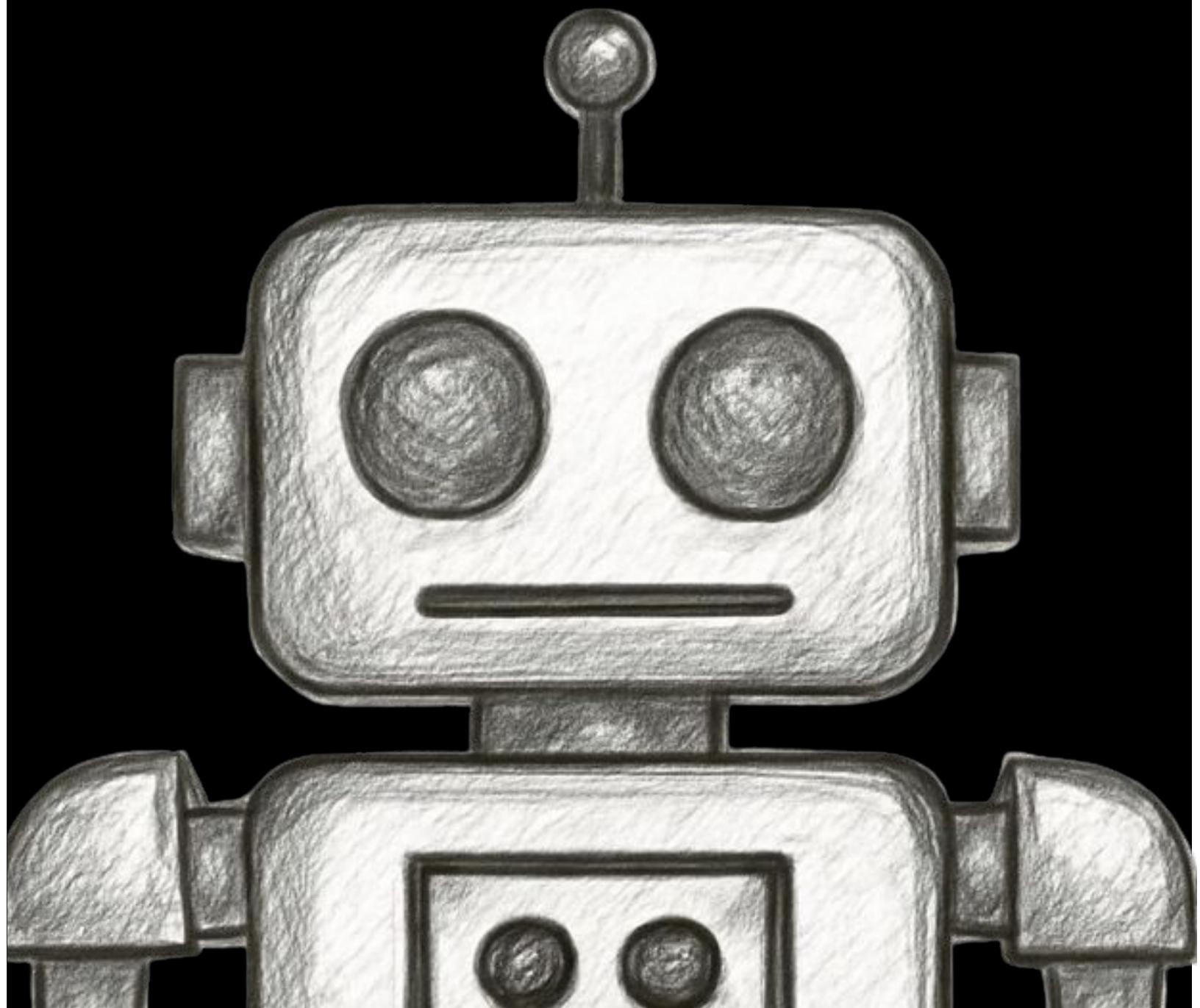
WHAT IS ROBO? PROFILE & NEEDS

Robo represents AI systems that “consume” jobs as they grow in power and capability. The more data we feed him, the more roles he can replace.

Robo constantly needs more data and tasks to keep evolving. As he grows, his

- □ X

PERSONA (?)

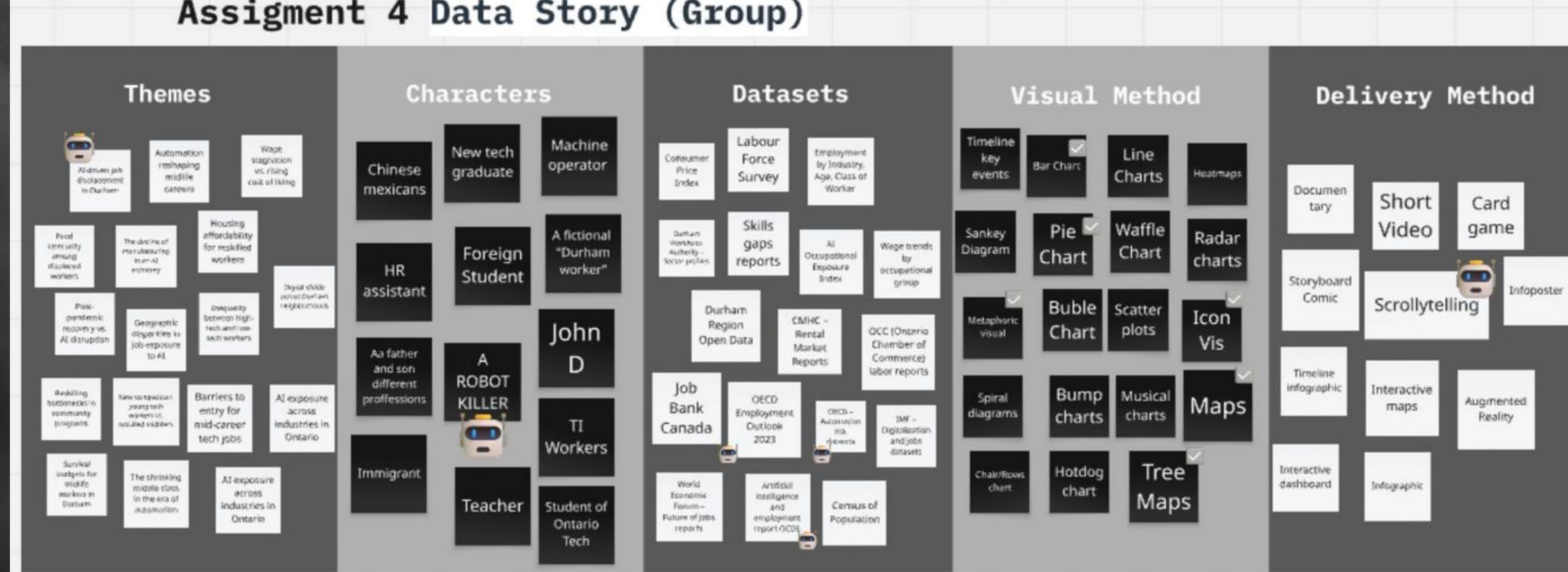


HOW DID THIS STORY BEGIN?

Like every good horror story, it started with an assignment and a brainstorming session in Miro.

Our team's initial idea was to represent both the positive and negative impacts of AI at the national and local levels in Canada.

Assignment 4 Data Story (Group)



WE EXPLORED MANY CONCEPTS, CHARACTERS,

- □ X

THEMES, AND DIFFERENT WAYS TO TIE THEM TO THE STORY.

him.

nic as a delivery meth

First version of Roy

— □ ×

Economic and Social Reports

Exposure to artificial intelligence in Canadian jobs: Experimental estimates



by Tahsin Mehdi and Marc Frenette

Release date: September 25, 2024

Statistics Canada Statistique Canada

Canada

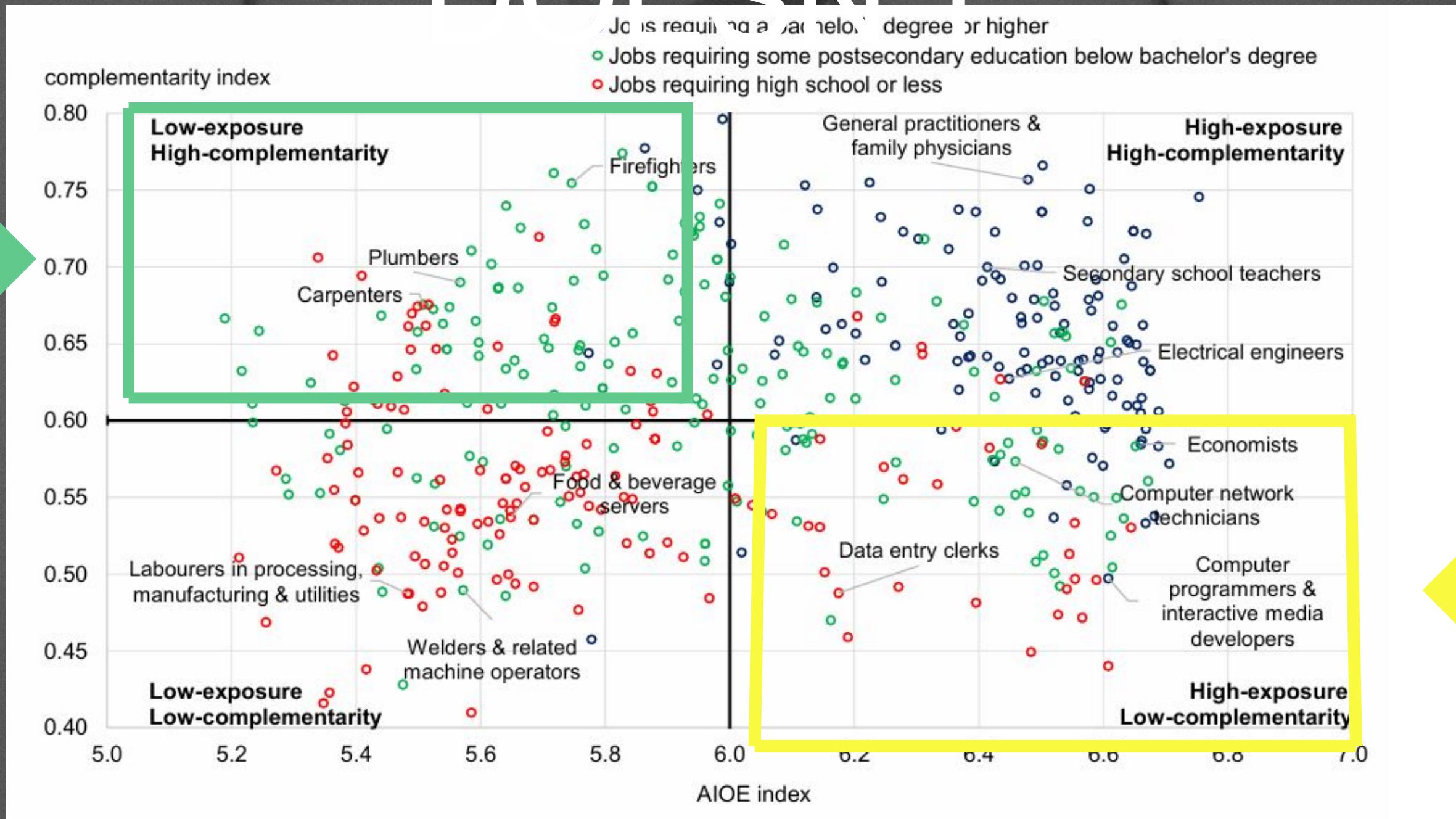
THE

During this process, we
came across an important
DATA Statistics Canada study
showing that the jobs most
at risk of being replaced
by AI are actually
higher-skilled roles.
However, these same jobs
could also benefit the
most, since AI may become
a powerful complement.

WHAT ROBO LIKES AND DOESN'T

LEAS
T
LIKE

MOST
LIKE



BRING IT TO LOCAL

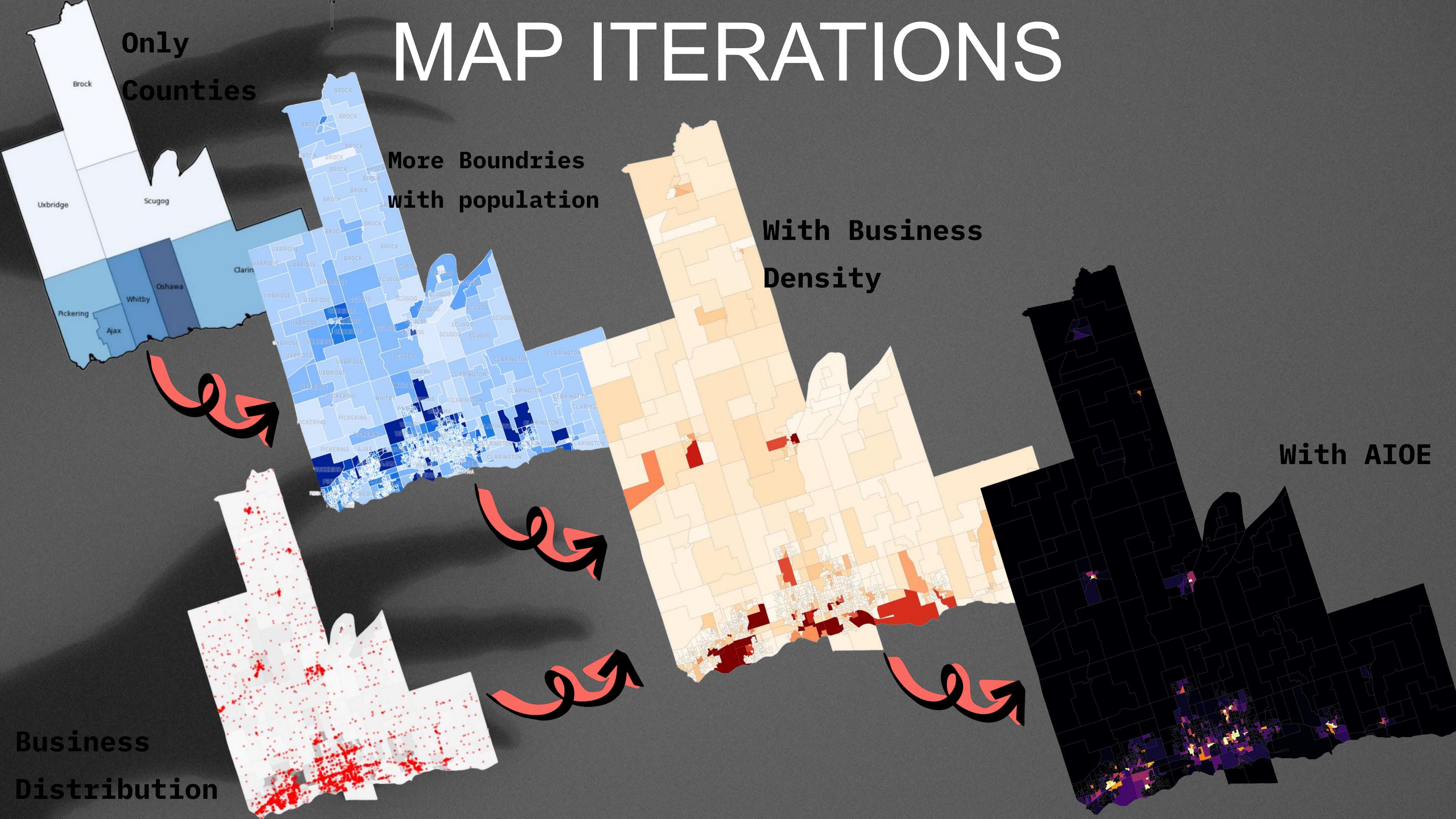
Local data

we wanted to ground our narrative in something that feels real and immediately relevant. Instead of talking about AI in general terms, we focused on what AI-driven change might look like specifically in Durham Region.



- **Durham Region's Business Directory GeoJSON**
this gave us the exact location of every registered business in the region.
- **2016 Census Dissemination Area GeoJSON**
this provided demographic information like working-age population and seniors, along with neighborhood boundaries.

MAP ITERATIONS



Only
Counties

More Boundries
with population

With Business
Density

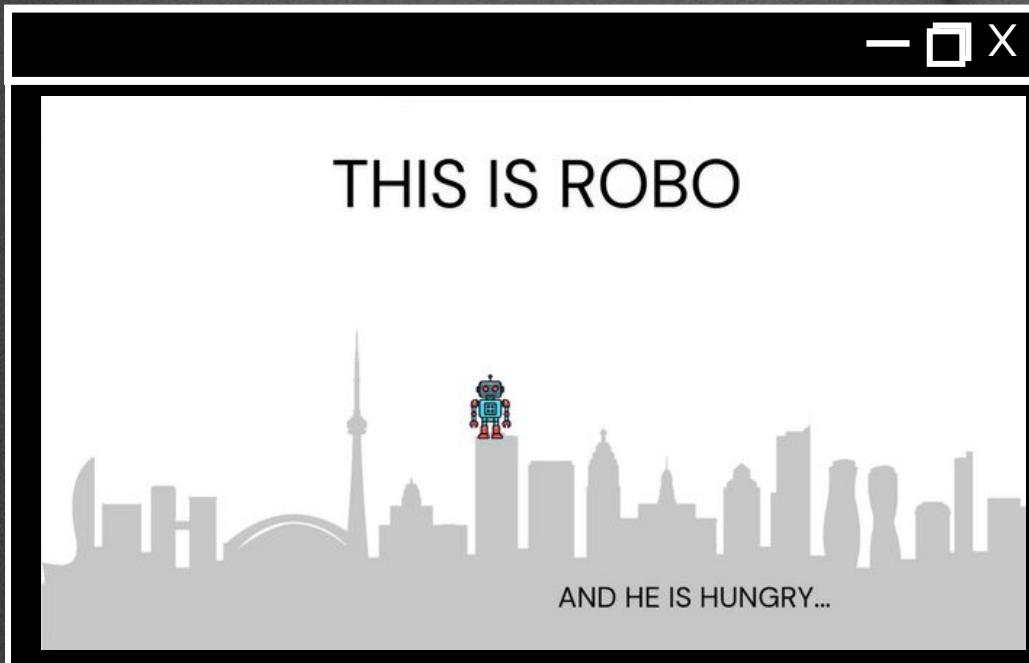
With AIOE

Business
Distribution

STORYBOARD

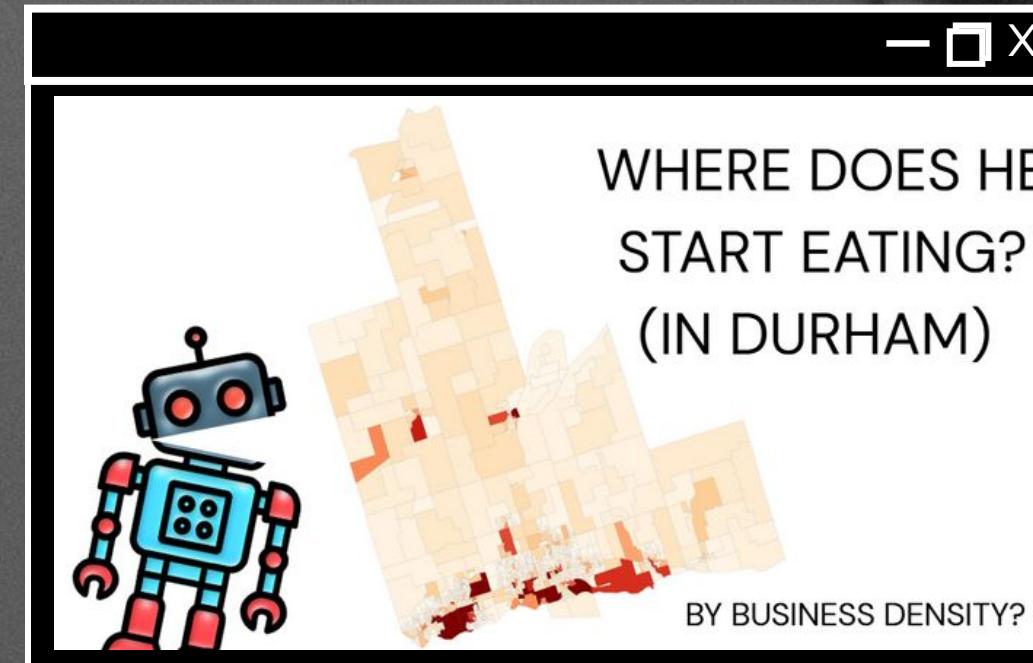
Phase 1: Introduction

Presentation of Robo and how he evolves, what he prefers, what he consumes, and how he grows.



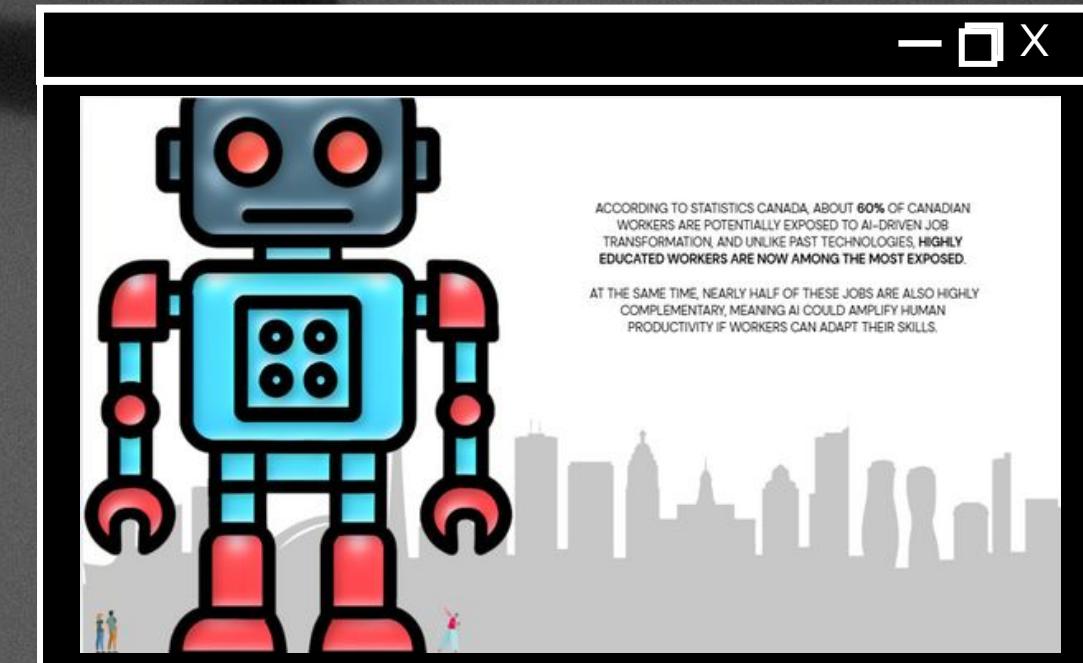
Phase 2: Conflict

Once fully developed, he arrives in the Durham Region and begins "feeding" on the most exposed jobs.



Phase 3: Conclusion

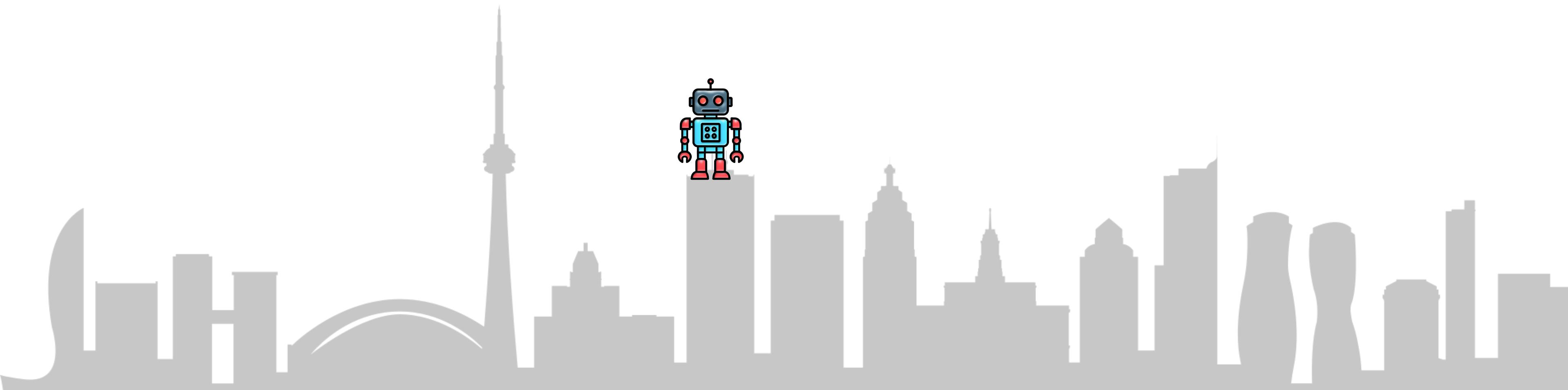
Conclusion of the story: what his impact means for workers today and what must be done to adapt.



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Here is the final work
ENJOY IT !!!

THIS IS ROBO



AND HE IS HUNGRY...

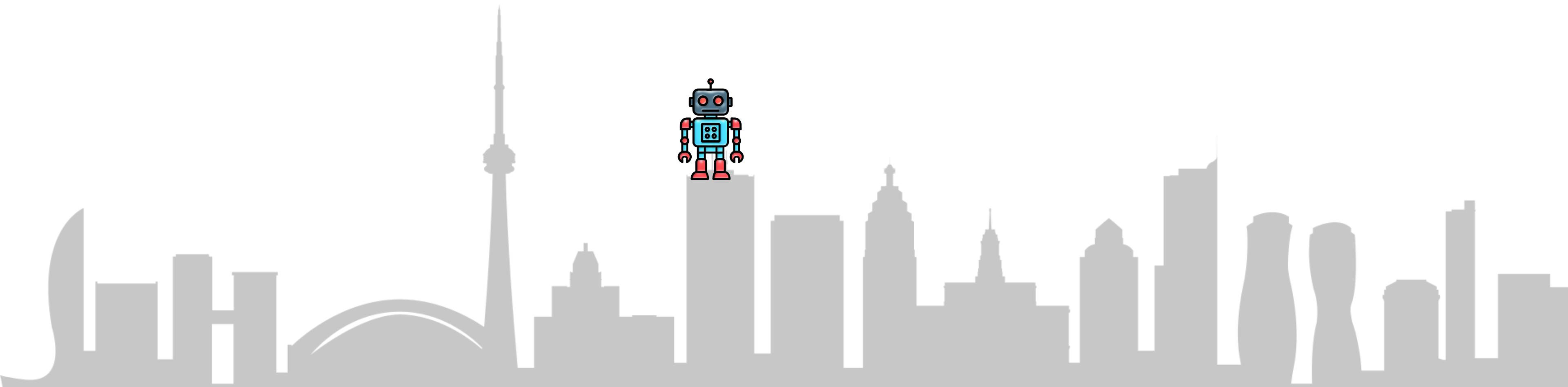
ROBO REPRESENTS ARTIFICIAL INTELLIGENCE.

HIS HUNGER SYMBOLIZES THE GROWING NUMBER OF JOBS AND PROFESSIONS THAT AI IS REPLACING IN CANADA.

HIGH EXPOSURE AND LOW COMPLEMENTARY IS HIS PREFERENCE

HIGH EXPOSURE AND HIGH COMPLEMENTARITY ARE ALSO GOOD FOR HIM.

LOW EXPOSURE MAKES IT LESS LIKELY TO EAT



AND HE IS HUNGRY...

WHOM CAN HE EAT?

All

BACHELOR'S DEGREE OR GRADUATE DEGREE

Physical and life science professionals	Professional occupations in education services	
Professional occupations in health (except nursing)	Professional occupations in law and social, community and government services	Architects and statisticians

BACHELOR'S DEGREE

Professional occupations in nursing	Engineers	Management occupations
COLLEGE DIPLOMA	HIGH SCHOOL ...	COLLEGE DI...
Technical occupations related to natural and applied sciences	Support occupations in law and social services	Occupations in art, culture, recreation and sports
Technical occupations in health	Sales and service supervisors	Administrative occupations in finance, insurance and business
	Sales repr...	Machin...
		Servi...

APPRENTICES...

MADE IN CANADA
FABRIQUÉ AU CANADA

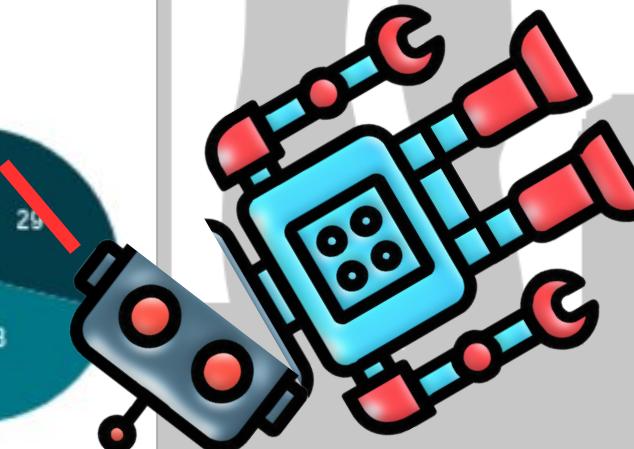
A small blue robot icon is positioned on the left side of the menu board.

WHERE CAN HE EAT?

Low exposure

High Exposure, Low Complementarity

High Exposure, High Complementarity

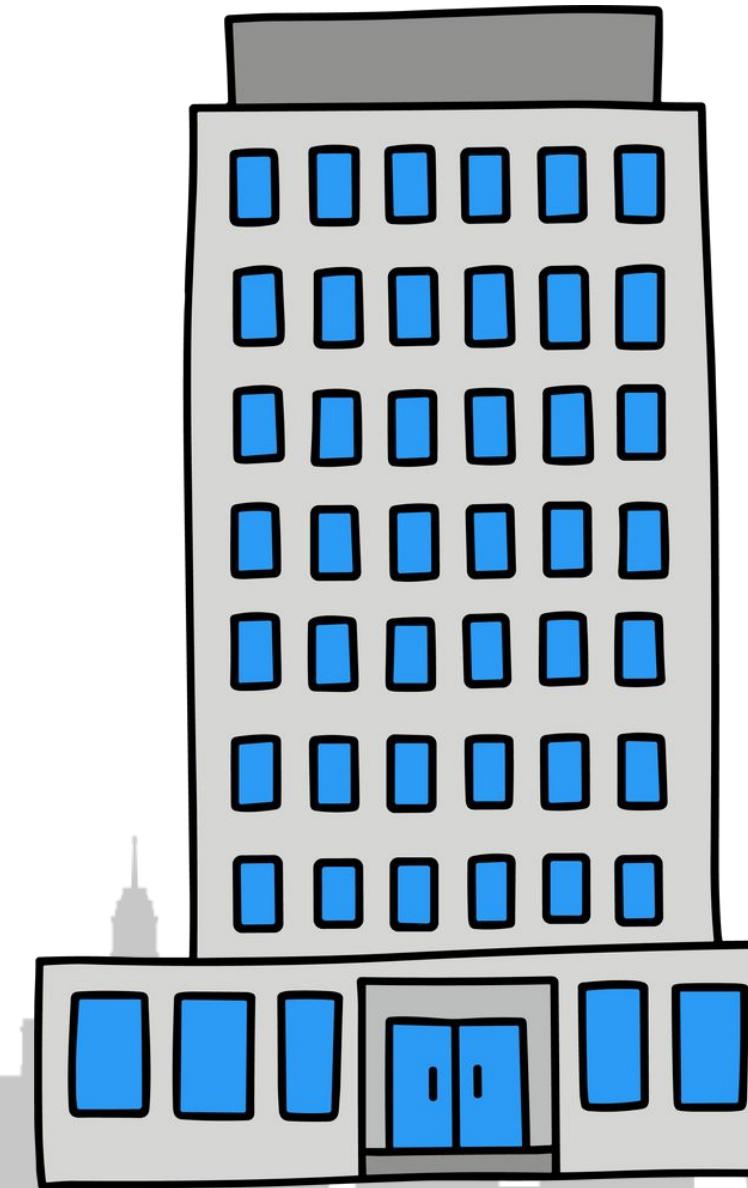


WHERE ARE YOU MUST EXPOSED?

HO - OFFICE



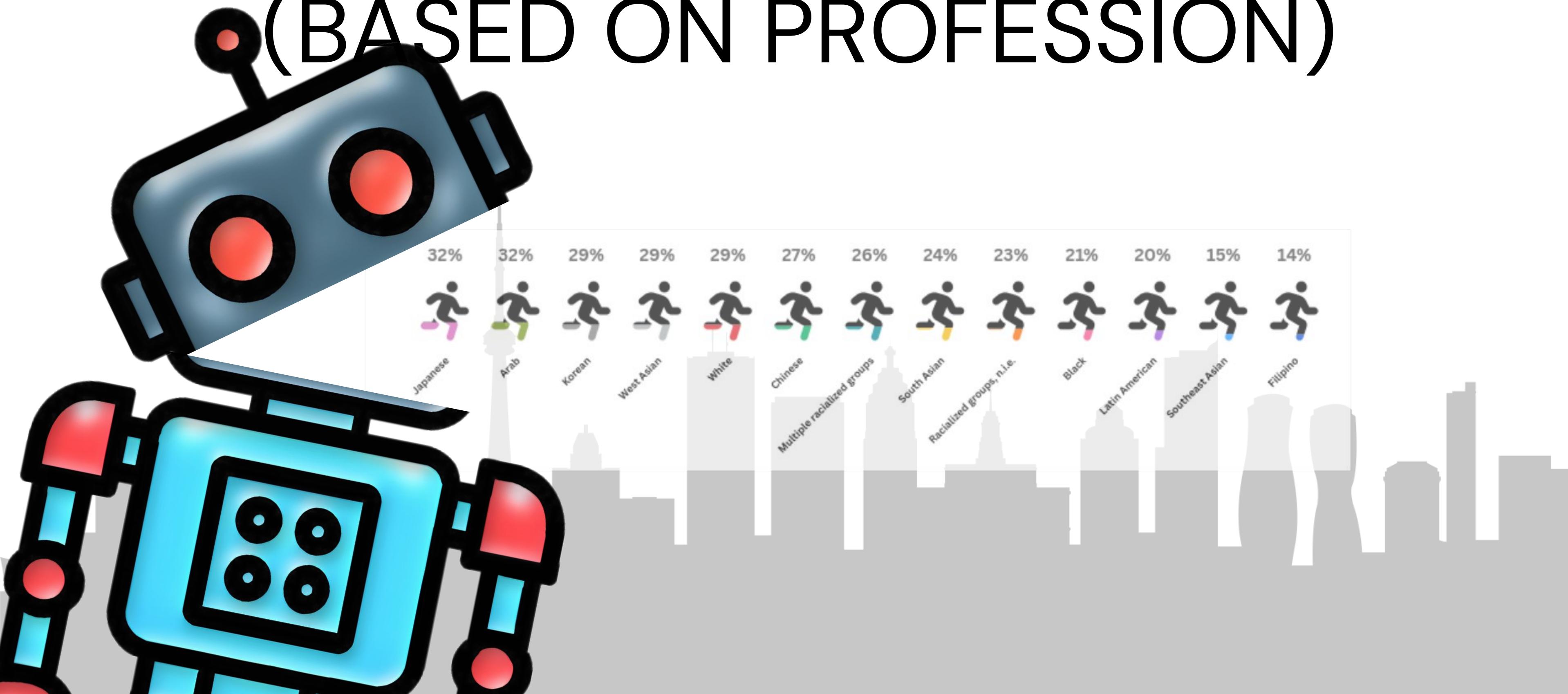
47%



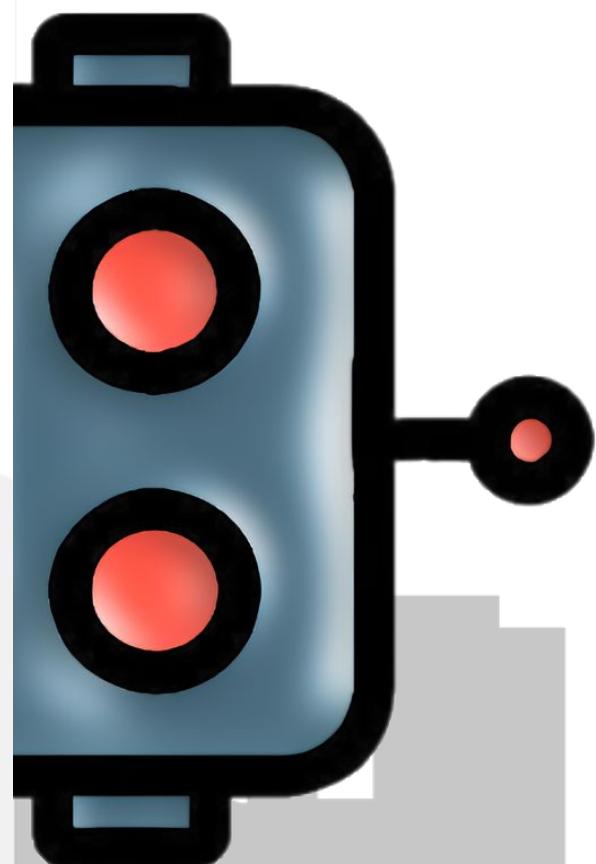
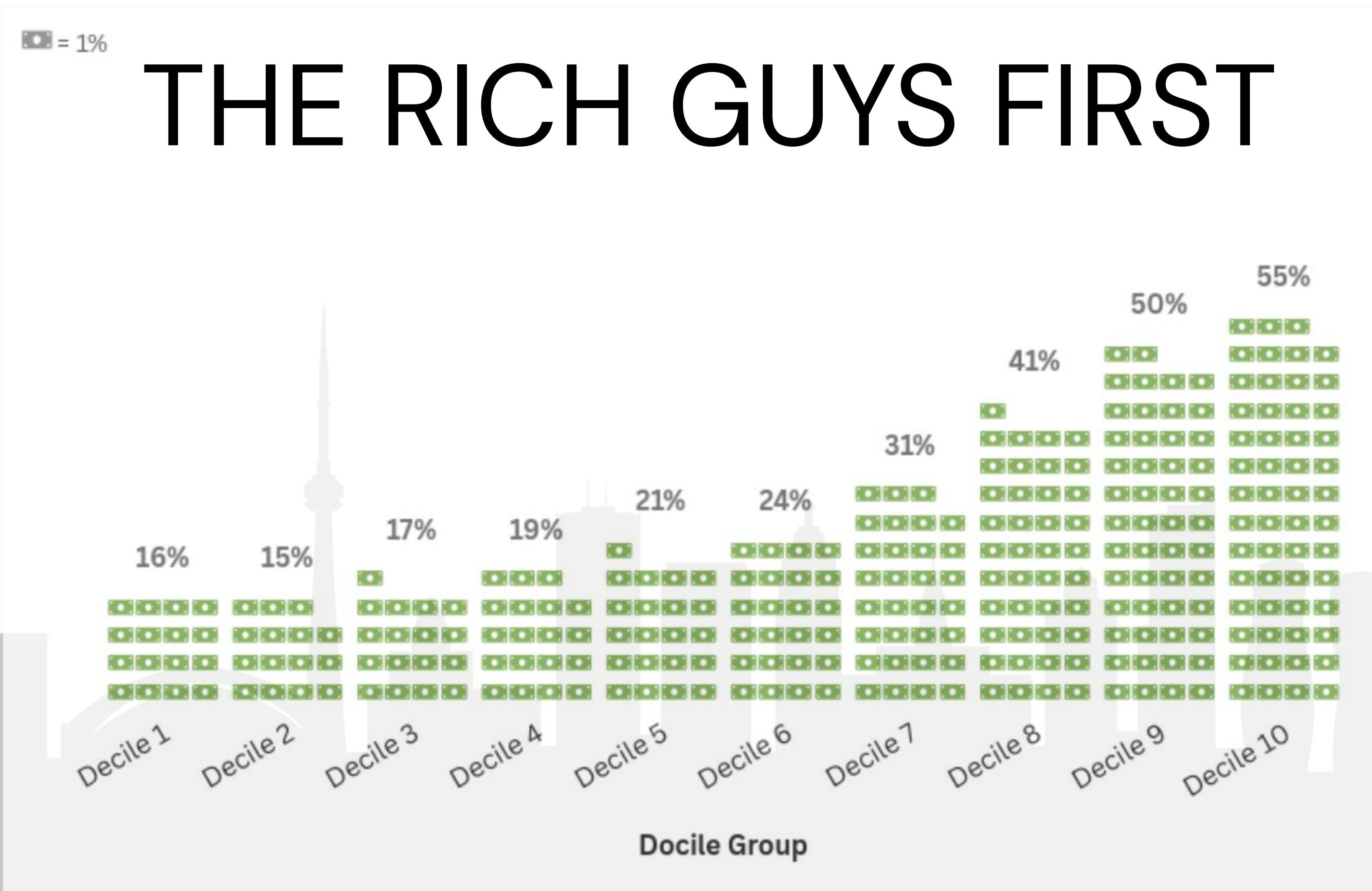
13%

WHAT ETHNICITY?

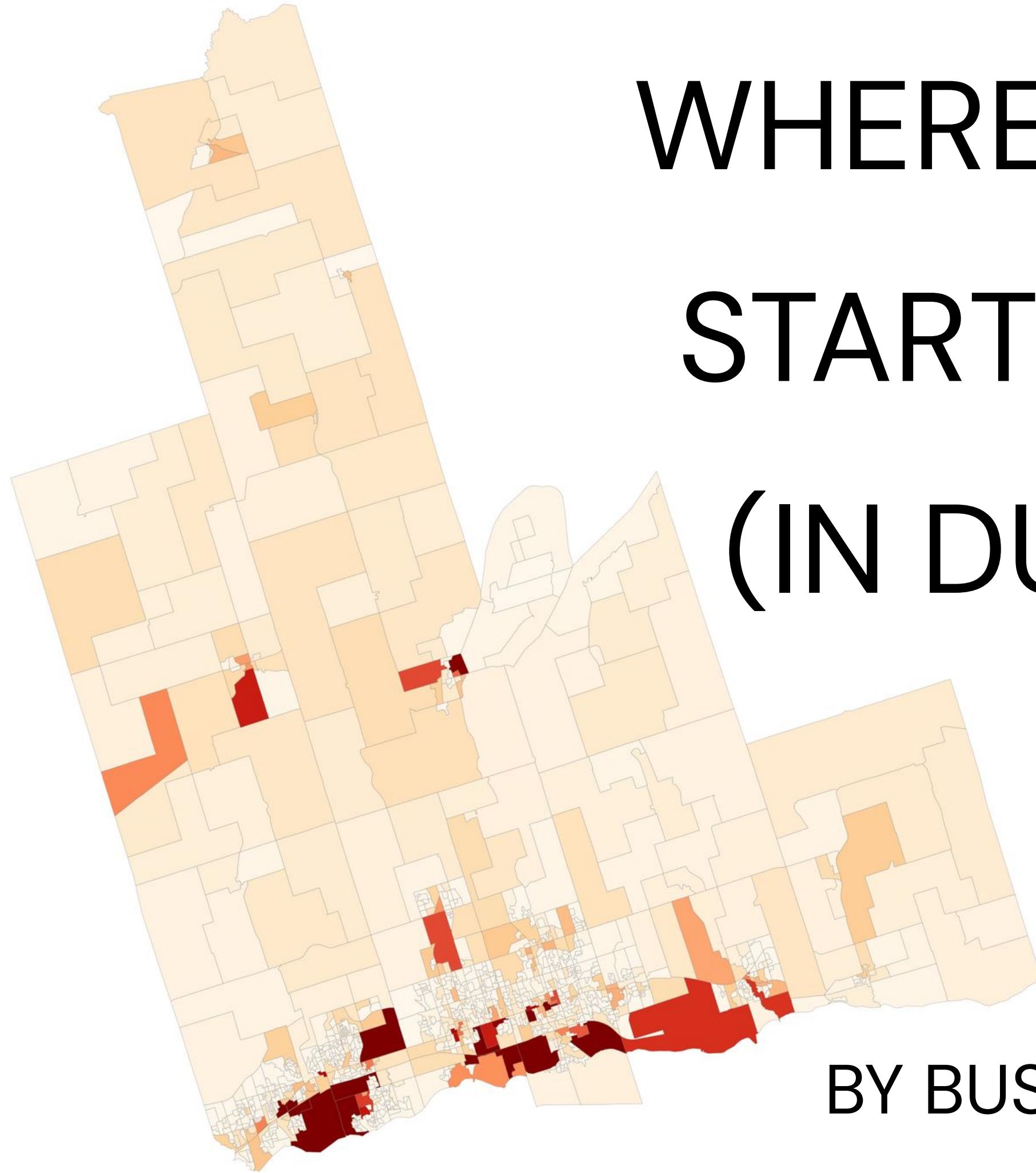
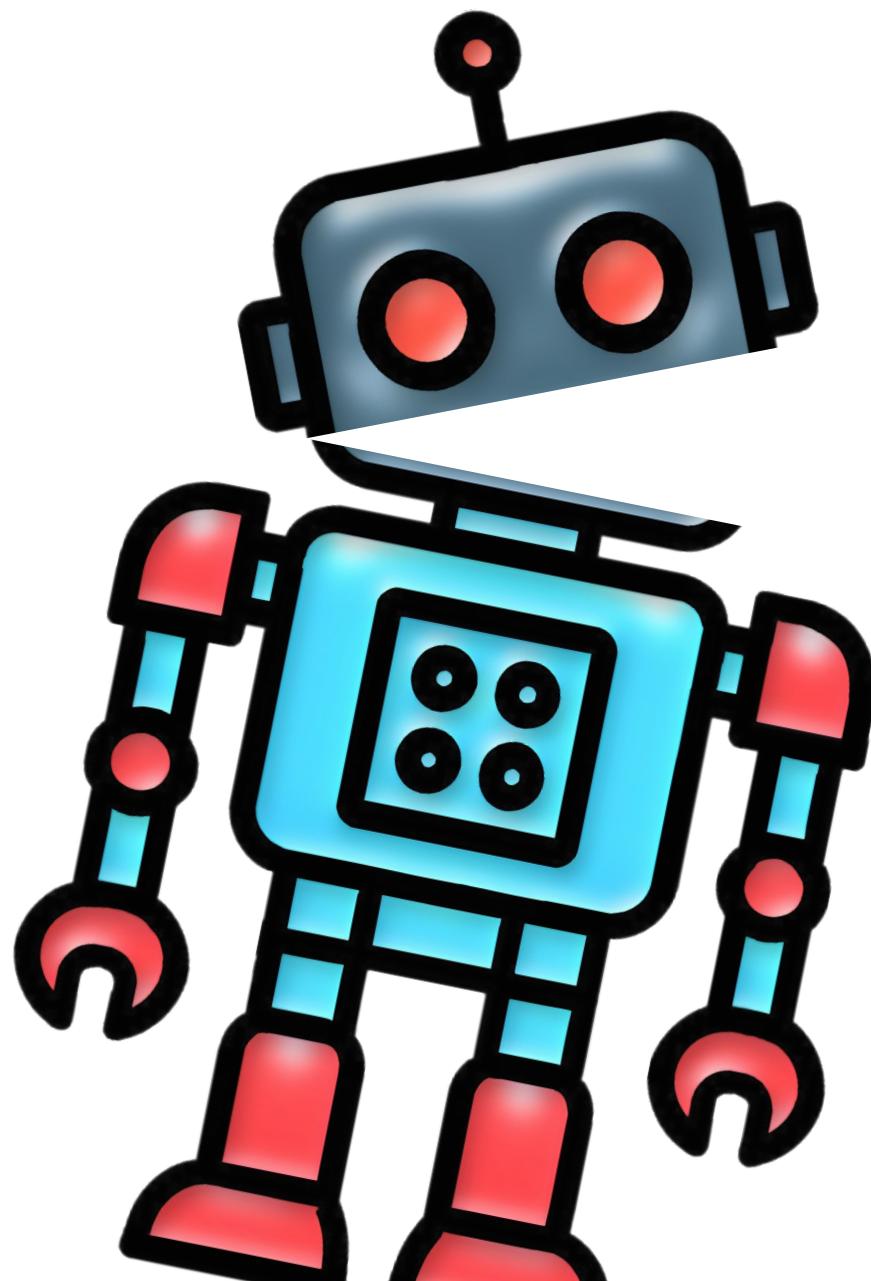
(BASED ON PROFESSION)



BUT DON'T WORRY, HE'LL GET



WHERE DOES HE
START EATING?
(IN DURHAM)

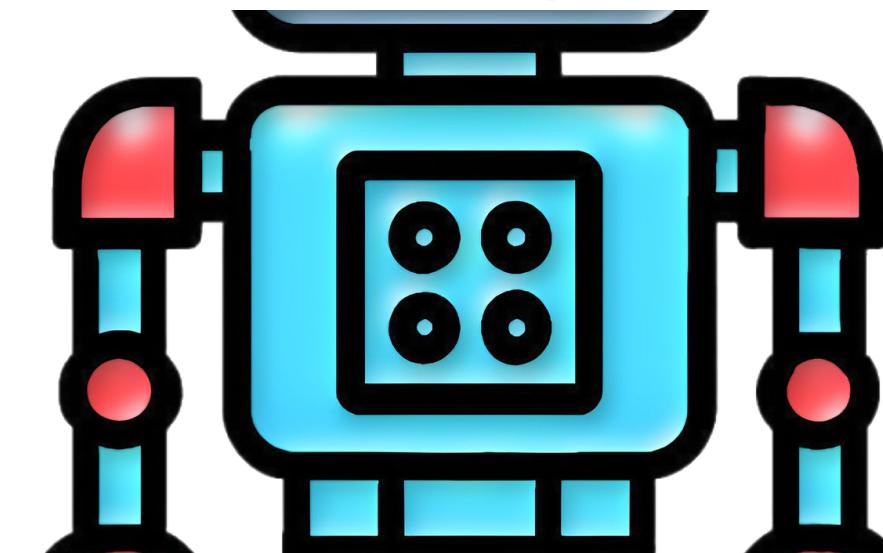


BY BUSINESS DENSITY?

OR ADD SOME SAUCE AND SPICE
WITH MY AIOE* RECIPES

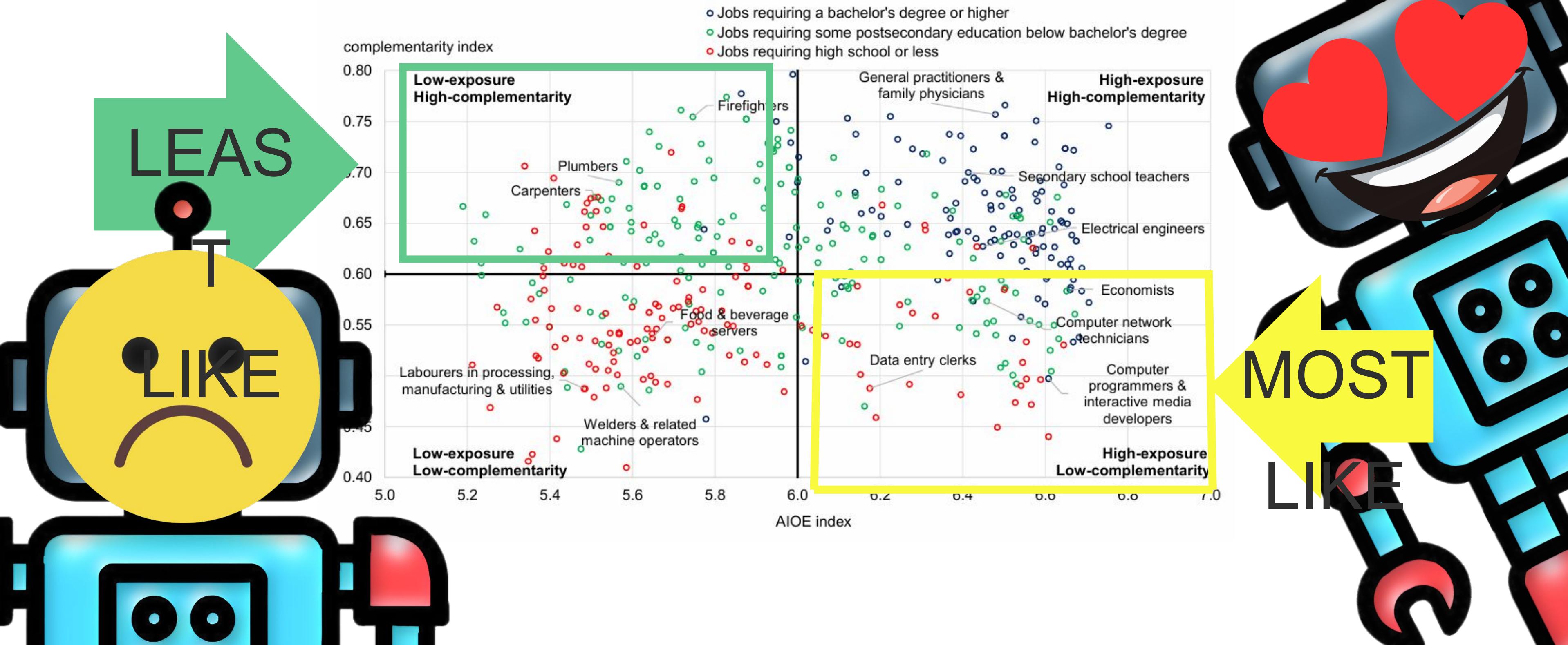


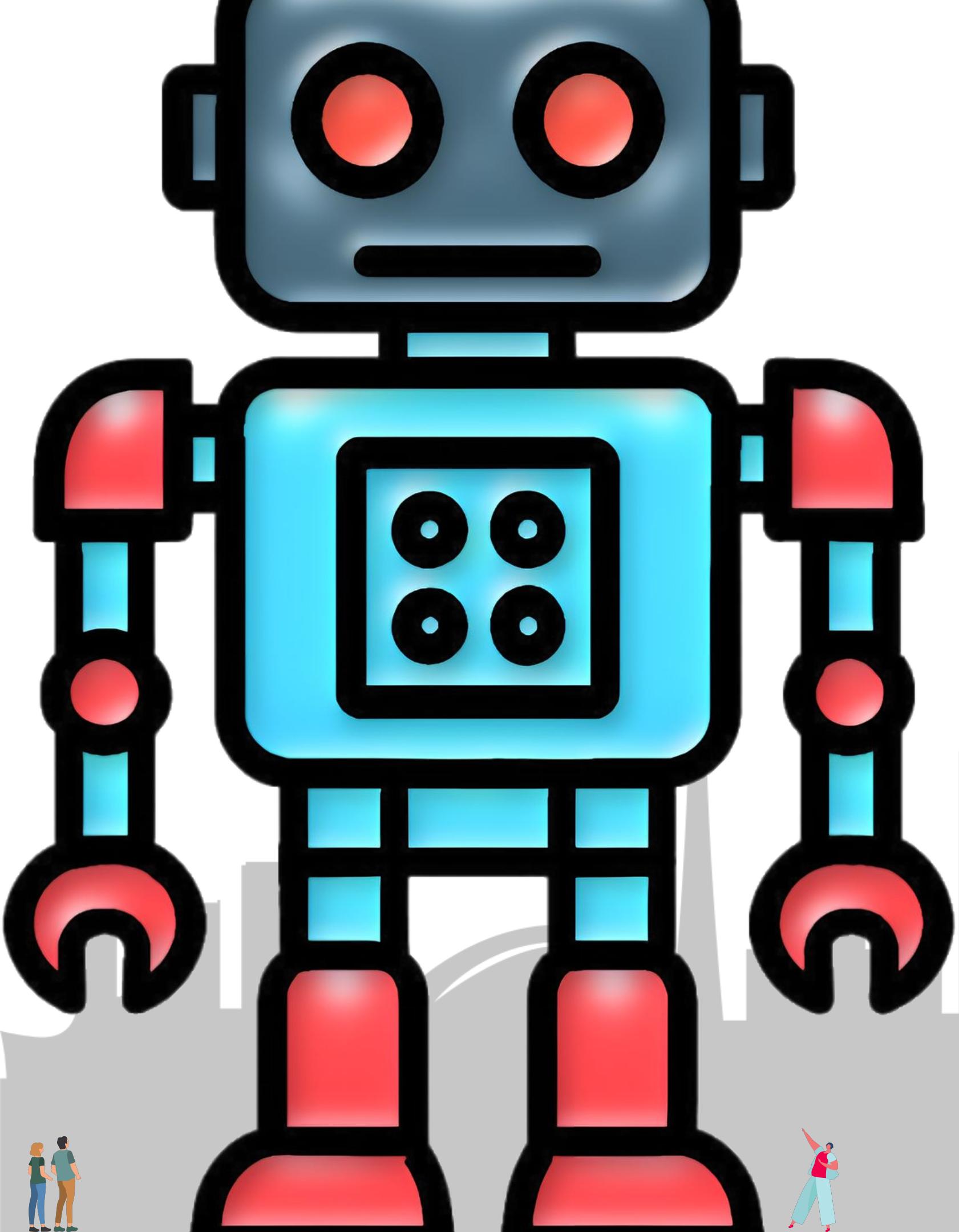
$$AIOE_i = \frac{\sum_{j=1}^{52} A_j L_{ji} I_{ji}}{\sum_{j=1}^{52} L_{ji} I_{ji}},$$



*AIOE (ARTIFICIAL INTELLIGENCE
OCCUPATIONAL EXPOSURE)

WHAT ROBO LIKES AND DOESN'T





ACCORDING TO STATISTICS CANADA, ABOUT **60%** OF CANADIAN WORKERS ARE POTENTIALLY EXPOSED TO AI-DRIVEN JOB TRANSFORMATION, AND UNLIKE PAST TECHNOLOGIES, **HIGHLY EDUCATED WORKERS** ARE NOW AMONG THE MOST EXPOSED.

AT THE SAME TIME, NEARLY HALF OF THESE JOBS ARE ALSO HIGHLY COMPLEMENTARY, MEANING AI COULD AMPLIFY HUMAN PRODUCTIVITY IF WORKERS CAN ADAPT THEIR SKILLS.

No matter how powerful AI becomes, our future depends on learning fast enough to stay ahead.

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GRA 谢谢

THAN
CIAS

aqü SU
Emmanuel Rueda

K YOU