

February 2025



## Join us on Mentimeter!

WWW.MENTI.COM CODE: 1306 1845



## Let us know which area you are from?

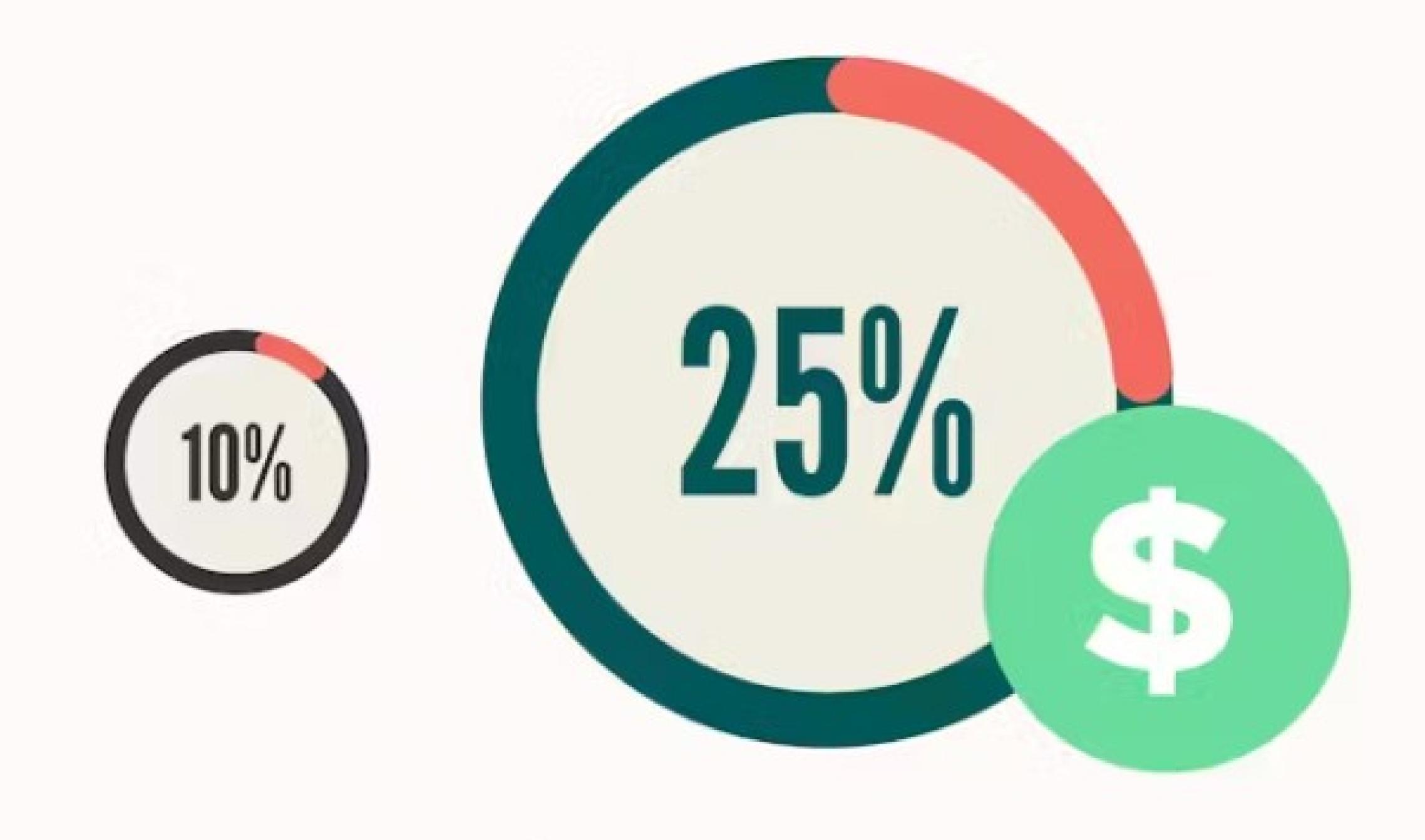


## reveliclabs

#### November 2024



High Al exposure = with higher salaries



10% point increase in Al exposure is associated with 25% higher salaries.

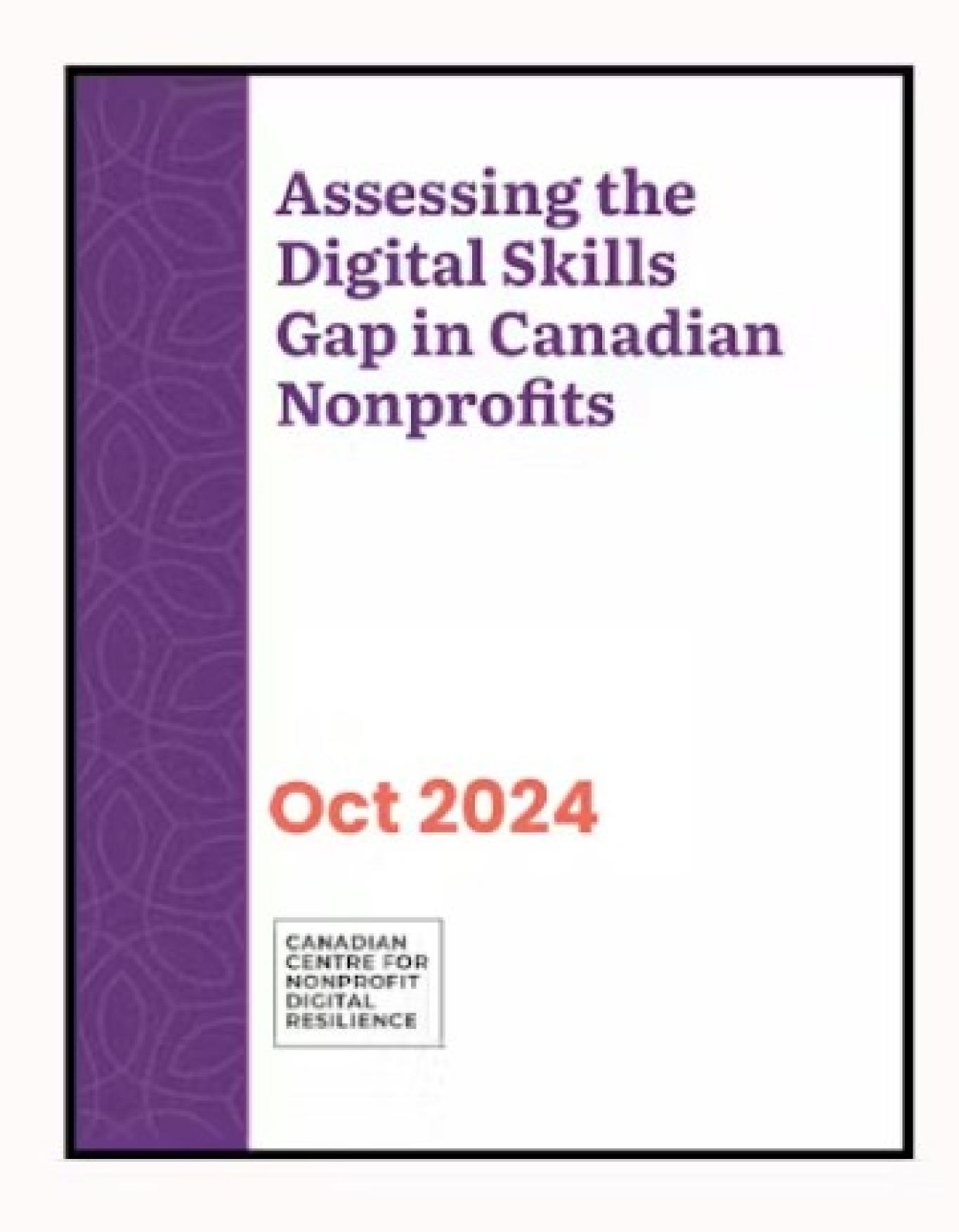


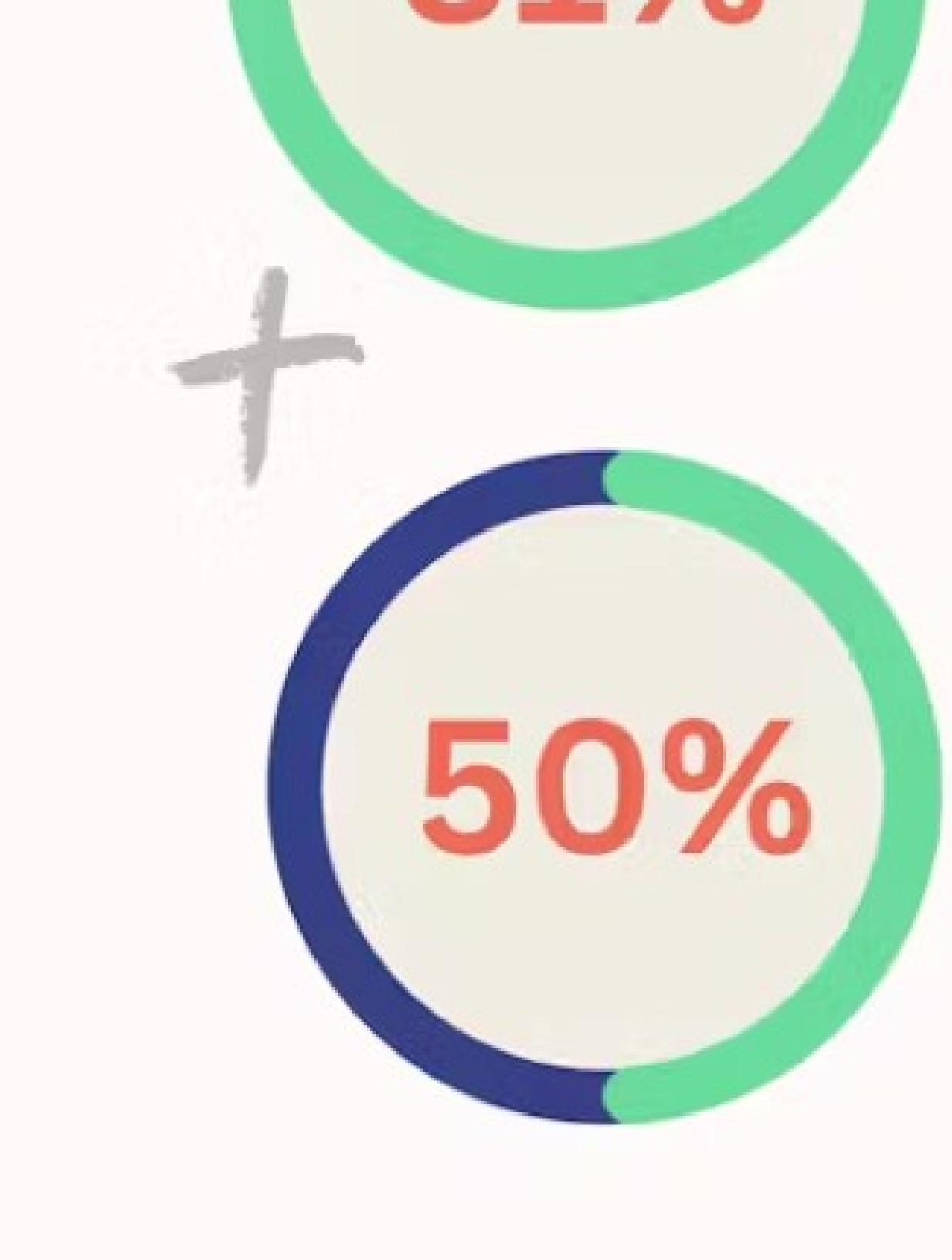
Workers within the same jobs who adopt Al earn 8% higher salaries than those who do not.

The higher the AI exposure, the higher the adoption of AI tools. Workers in roles with high adoption and high exposure become more productive.

Workers in high exposure roles who are lagging behind in adoption are at a higher risk of displacement through outside automation.

### Canadian Centre for Nonprofit Digital Resilience





Respondents deemed digital skills as "necessary" or "very important" for their organizations' mission.



2 million + Canadians in the NP sector

Described their organizations as having "basic" digital skills or as "just starting out"

= A significant gap between perceived importance and actual skill levels

## What Funders Are Saying

#### IRCC CFP Jan.2024

"The development and use of online/digital services to work towards achieving equitable service access across the Settlement Program."

"Delivering the right service, to right clients, at the right time."



Immigration, Refugees Immigration, Réfugiés and Citizenship Canada et Citoyenneté Canada

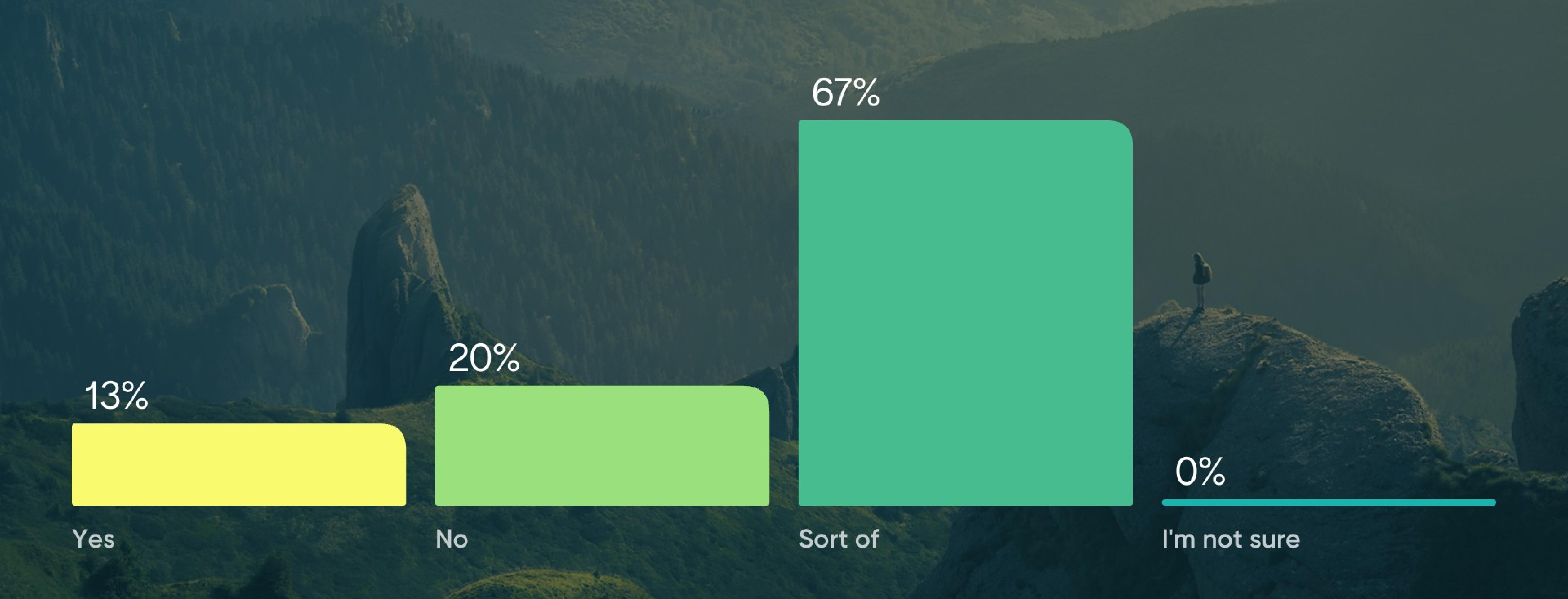
## 2024 Federal Budget



Investing to build and provide access to computing capabilities and technological infrastructure for Canada's world-leading Al researchers, start-ups, and scale-ups.

Boosting AI start-ups to bring new technologies to market, and accelerating AI adoption in critical sectors, such as agriculture, clean technology, health care, and manufacturing.

## Is Your Organization Keeping up with the Changes in Technology?



What Al-driven technologies have you used to enhance language skills, support employment, or facilitate training?

16 responses

incorrect information google lm notebook

# chapgpt is chapgpt

compromised personal data



## Devant, AVAILABLE TOOLS



































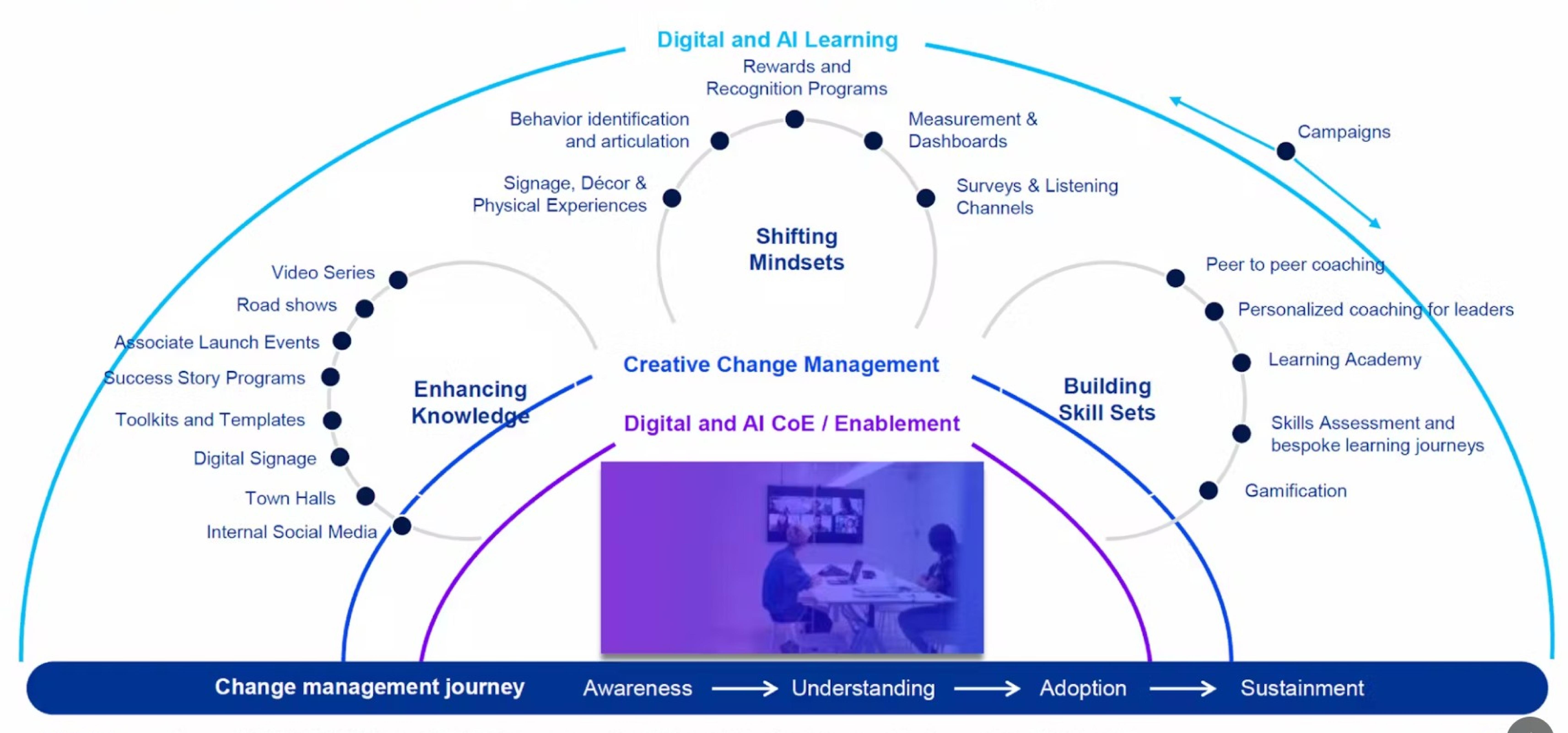






## Create Al awareness and literacy

Engage employees and customers in new ways to drive Al awareness, understanding, adoption and sustainment.





## Baseline of Prompting Fundamentals





#### Objective

Define the specific task in detail that you would like the Al to perform

Objective





#### Context

Provide as much context as possible that is relevant to the objective

Context





#### Limits

Anchor your prompt with guidelines and restrictions

Limits

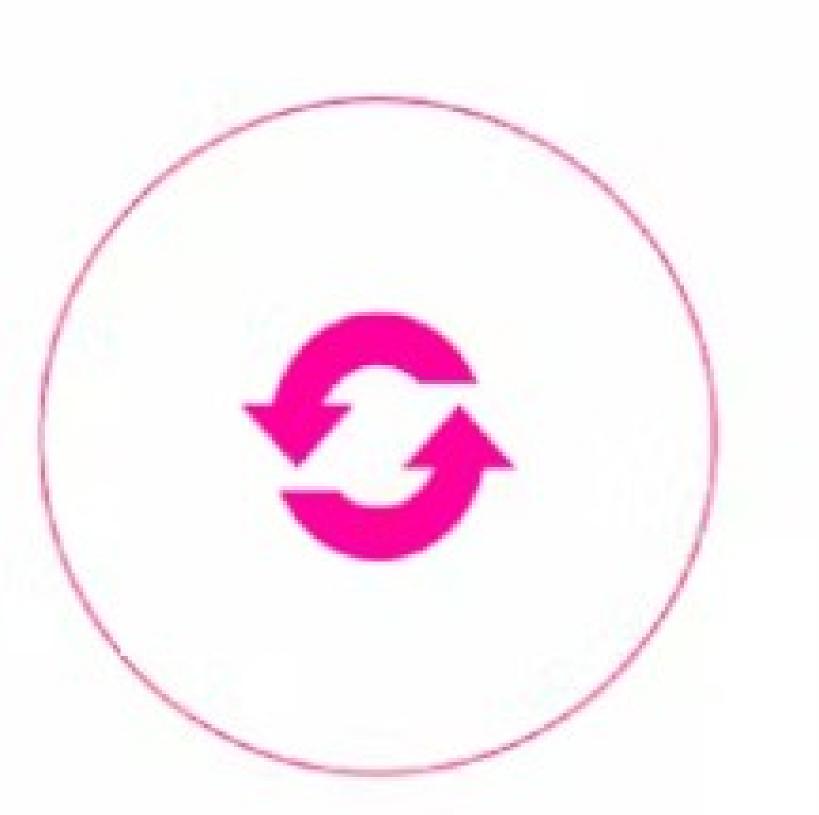




#### Tone

Specify the tone to match the intended audience

Tone



#### Test

Evaluate responses based on prompts, then iterate



## Prompt Engineering Techniques Overview

While there are several prompt engineering techniques, there are six that can be used interchangeably to elicit the best possible responses from Generative Al:

#### Role play

Context

Start your prompt by asking the language model to emulate a specific worker profile (persona), then describe your role, function and geography, or describe a profile that would be particularly competent and able to respond well to your request.



#### Chain of thought prompting (CoT)

Objective

In chain-of-thought prompting, you explicitly cause the model to be transparent and describe its reasoning by providing the series of steps followed when generating the answer.



#### Zero-shots and few-shots prompting

Objective





The "few-examples" technique consists of providing at least two examples (or references) that the language model must consider to generate its first response or to correct a previous response.



#### Least to most prompting (LtM)

Objective

Structure your problem or prompt into a sequence of subproblems, where the language model's reasoning for a first subproblem will serve as a basis for the next subproblem before providing its response.



#### Prompt chaining

Objective



Prompt chaining is useful to accomplish complex tasks which the language model might struggle to address if prompted with a very detailed prompt. Like LtM, the language model is prompted with a subtask and then its



#### Interactive context enhancement

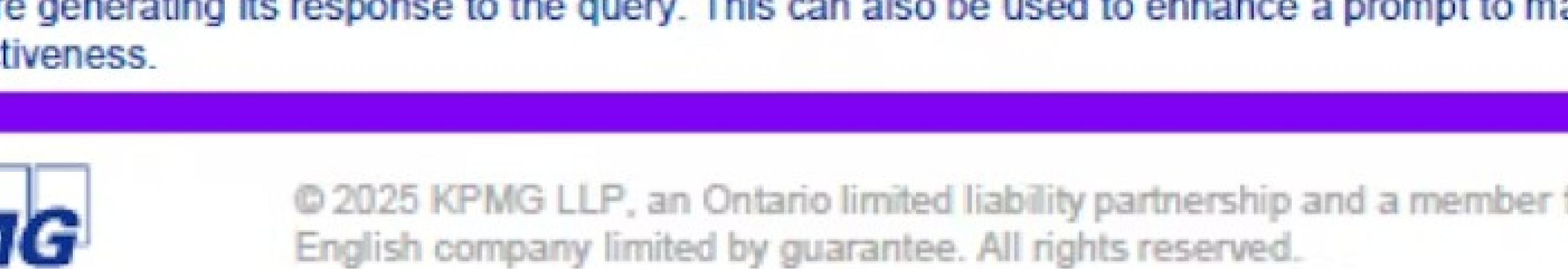
response is used as input to another prompt by the user.

Objective

Context

Encourage the language model to ask questions to increase its understanding of the context and the assignment before generating its response to the query. This can also be used to enhance a prompt to maximize its effectiveness.







Assign a persona for generative Al to emulate

#### Key Questions

- 1. Which persona would best complete the objective?
- 2. What affiliations should be assigned to this persona?
- 3. Who is the audience of the generative Al output?



#### Key Activities

- 1. Clearly state the role or position you would like generative Al to emulate
- 2. Assign affiliations that enhance the role that will be emulated
- 3. Regularly review and adjust the role you've created as necessary



- 1. "You are the chief economist of at Large Canadian Energy Company..."
- 2. "You are the leader of the \_\_\_\_\_ team at Suncor in Canada, specializing in \_\_\_\_\_"
- 3. "You are the procurement lead at Suncor., and you analyze \_\_\_\_\_ RFP responses..."





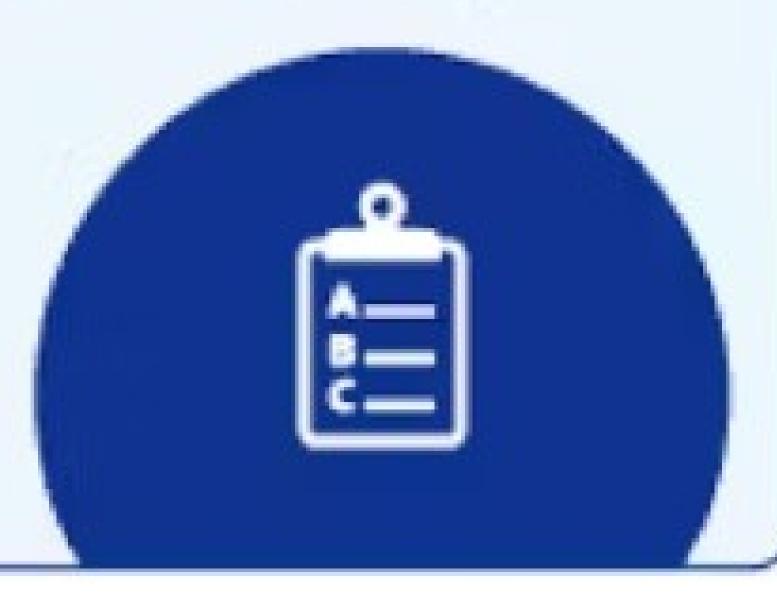


## Chain of Thought (CoT) Prompting

Specify the level of detail and supporting information required

#### Key Questions

- How much detail is required for the output from generative Al?
- Is there a specific section of the response where you require a detailed answer?
- Do you need to explain the reasoning behind the output to someone else?



#### Key Activities

- 1. Clearly ask for more details in one or all sections of the response
- 2. Articulate how much detail you would like, in the form of steps and sub-steps
- 3. Regularly review and adjust the level of detail requested



- 1. "...Describe the sequence of steps and intermediary steps involved in..."
- "...Identify the key action items, sub action items and underlying dependencies..."
- "...Provide an exhaustive listing of the implementation plan with numbered activities..."







## Chain of Thought (CoT) Prompting

Specify the level of detail and supporting information required

#### Key Questions

- How much detail is required for the output from generative AI?
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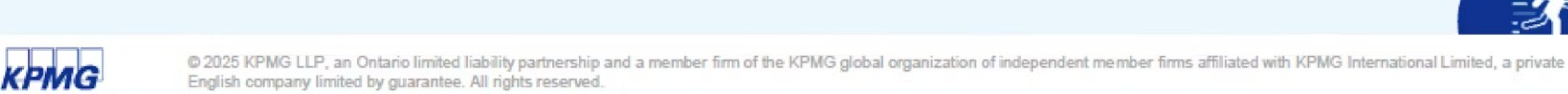


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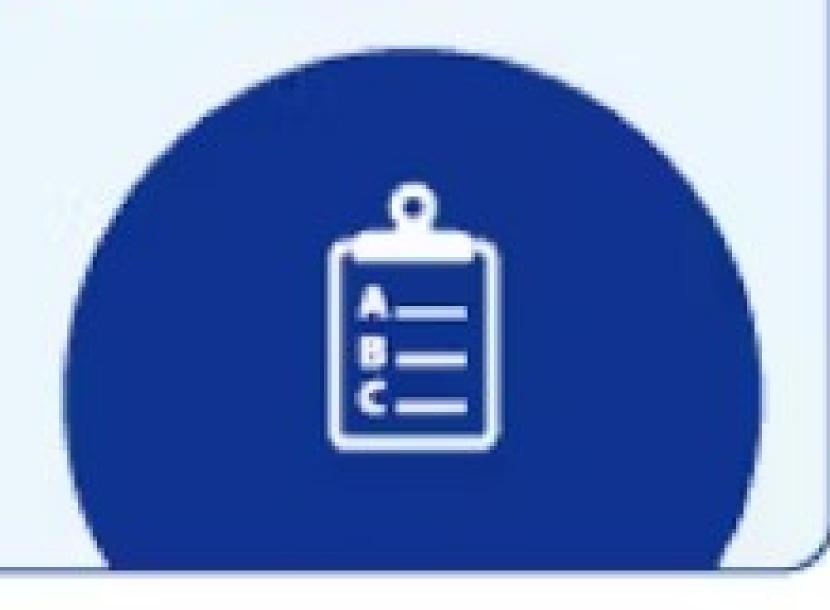


## Chain of Thought (CoT) Prompting

Specify the level of detail and supporting information required

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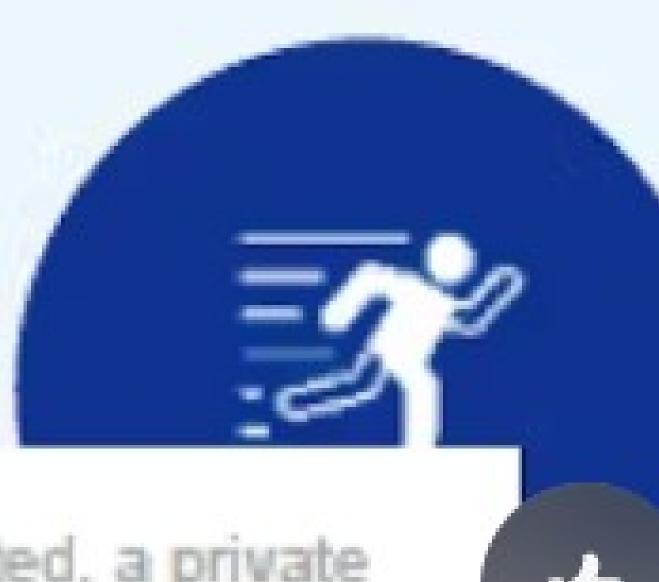
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## Least to Most Prompting (LtM)

Breakdown the objective into sequential steps

#### Key Questions

- Are there specific steps required to complete the objective?
- What are the dependencies for the objective?
- Do the steps outlined follow a standardized framework?



#### Key Activities

- 1. Split up the objective into steps with additional requirements
- 2. Arrange the steps into a logical order for execution
- 3. Add or remove steps after evaluating outputs generated



- "... Create a summary by #1 Reviewing [attachment], #2 Drafting Intro paragraph..."
- Produce a LinkedIn post in this format: #1 Captivating Tag line, #2 Intro Sentence..."
- "...Draft a Close Calendar Checklist by #1 Reviewing the requirements, #2 Prioritizing..."

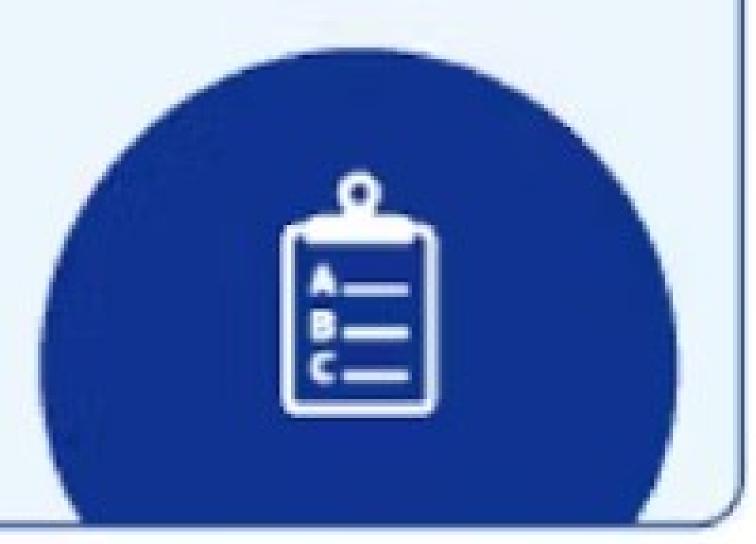


## Prompt Chaining

Validate that the language model is equipped to produce high-quality outputs

#### Key Questions

- 1. Is the language model only completing parts of your request?
- 2. What is the first thing that it needs to do?
- 3. How can the previous response be used as an input for your next request?



#### **Key Activities**

- 1. Split up the objective into separate prompts for enhanced performance
- 2. Ask the language model to build on top of its previous response
- Consolidate the responses into a single prompt as context, based on performance



- 1. "Prompt 1: ...Identify top industries in Canada... / Prompt 2: What are their key risks..."
- 2. "Prompt 1: ... Summarize this meeting... / Prompt 2: Assign roles & responsibilities..."
- 3. "Prompt 3: ...Use this info [Response 1/Response 2] to revise the opportunities..."







## Interactive Context Enhancement

Validate that the language model is equipped to produce high-quality outputs

#### Key Questions

- What are the critical parts of your objective?
- Do you need to validate the assumptions of the language model?
- Do you need to use the context of the conversation to accurately complete the objective?



#### Key Activities

- Ask the language model what additional context it needs
- 2. Add your responses to the conversation
- 3. Ask the language model to leverage your answers to complete your objective

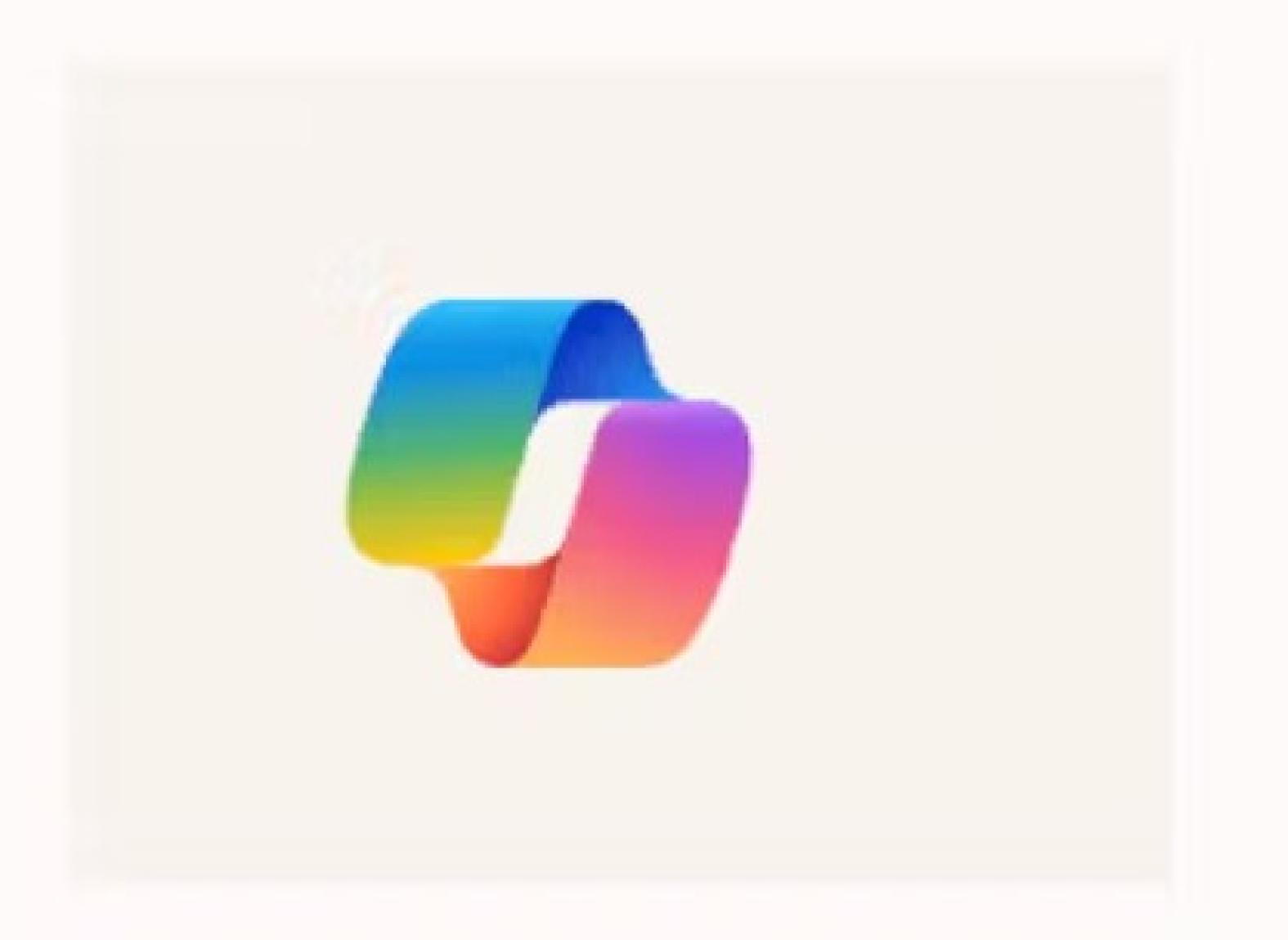


- 1. "...What additional context do you need before completing my request?"
- 2. "...Here is the info you requested [copy/paste], based on this, complete the draft..."
- 3. "...Use the context of this conversation to generate a revised





## Let's try applying prompting for language training





#### Copilot

Absolutely! Here's a detailed prompt you can use with Copilot to help students learn vocabulary related to financial services:

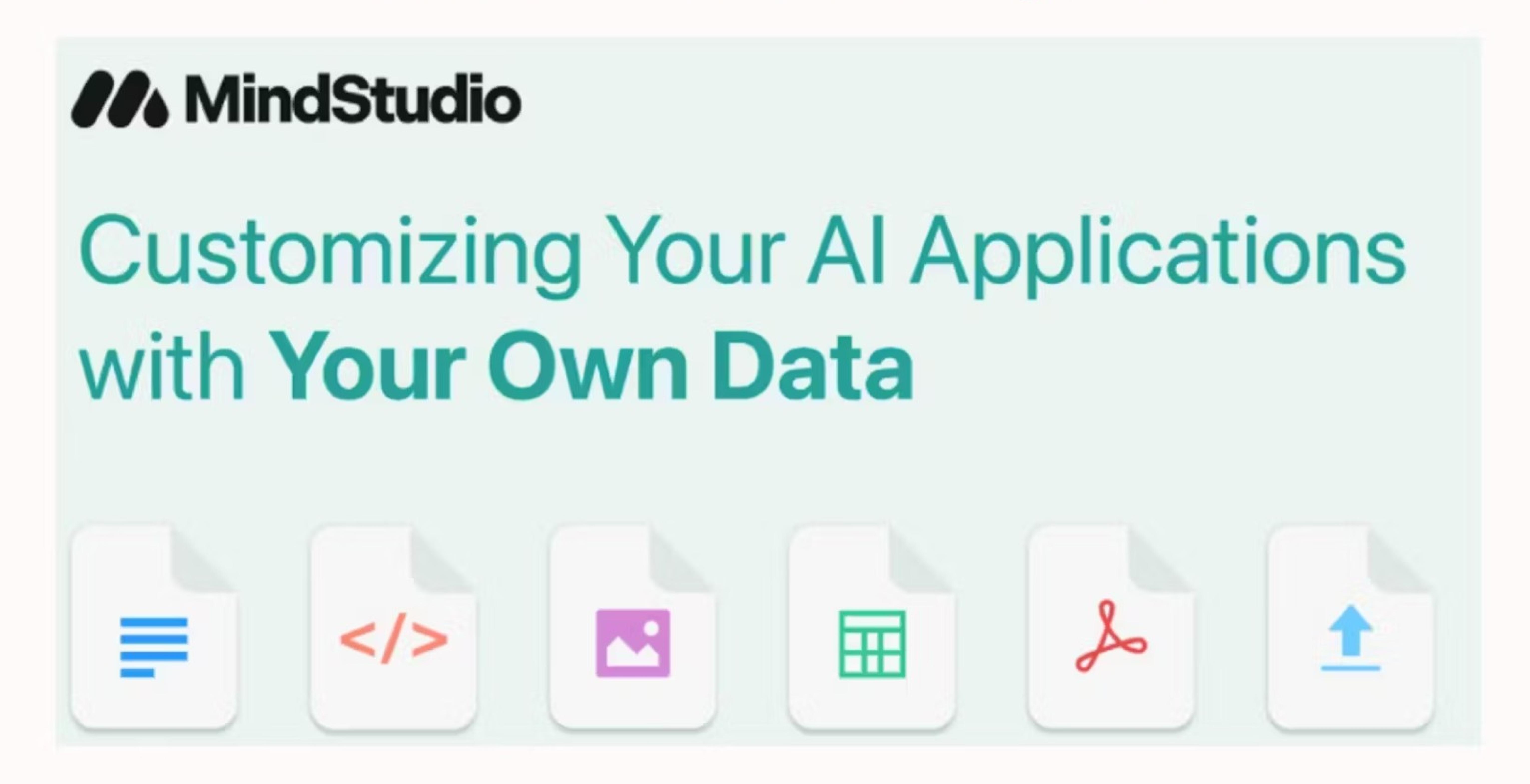
#### Prompt:

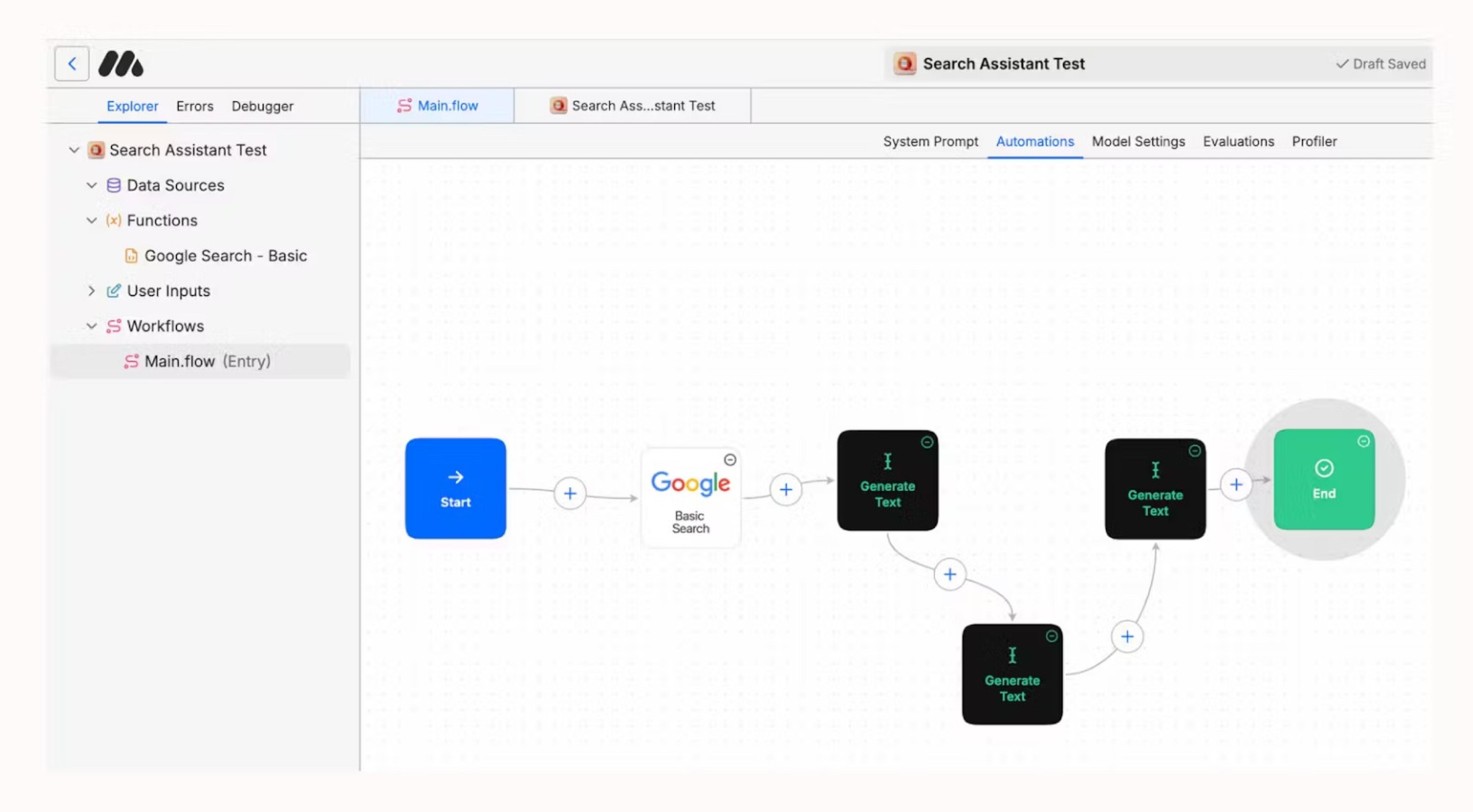
"Hi Copilot, I am an ESL student and I want to learn new vocabulary related to financial services. Can you help me with that? Please provide a list of key terms, example sentences, and an interactive quiz to test my understanding."

## Let's try applying prompting for language training

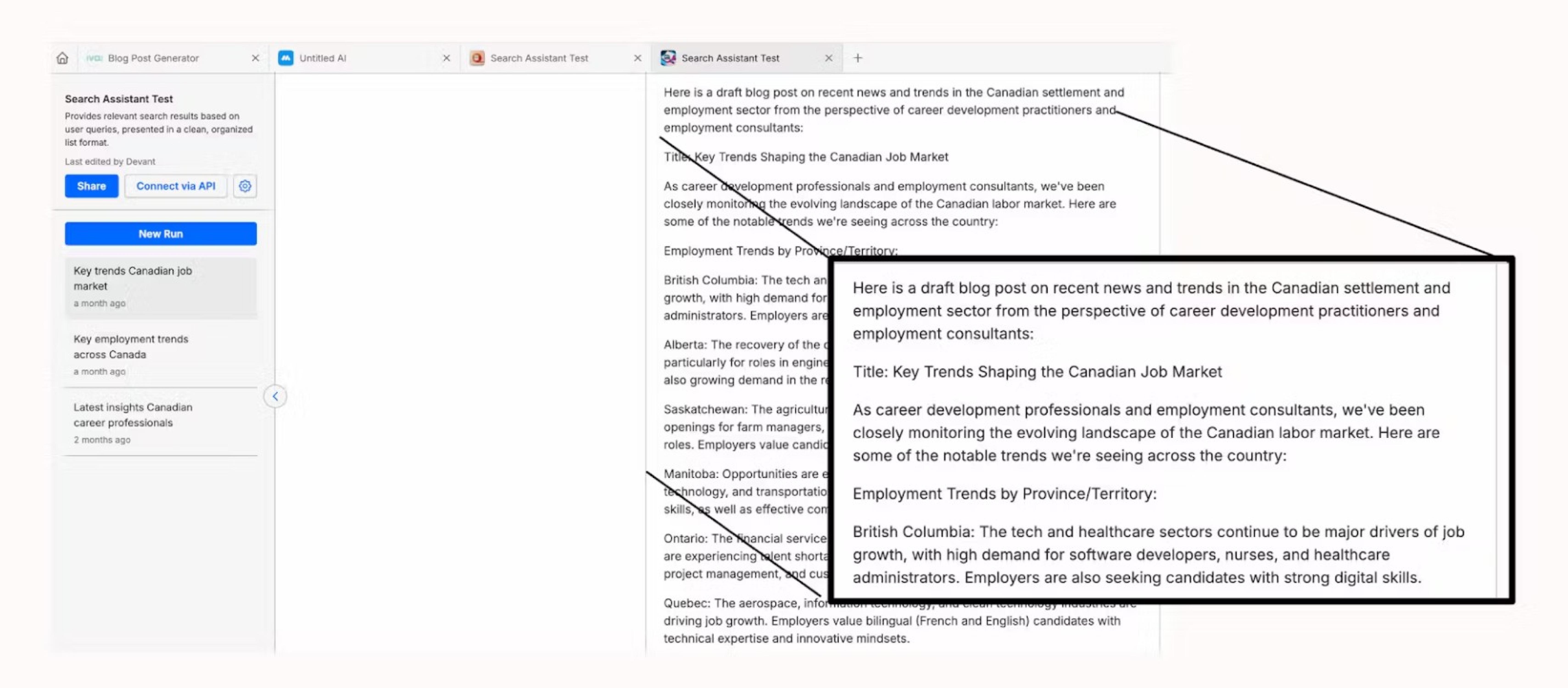












### What are the risks of Al?

Confidentiality breaches

Information may not be accurate and up-to-date

Privacy issues

Take our jobs

No risks.

Not reliable information .. errors..

privacy breach

Know better than myself May get hacked by ...



### What are the risks of Al?

Data breaches

lack of innovation

Encourage laziness

We won't have to think so much anymore

It is difficult to trust the information they provide, because there are a lot of errors when double checking

loss of creative thinking skills

limiting human innovation

No "intuition" relies on others facts



### What are the risks of Al?

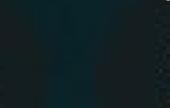
Falling in love with Al

Decrease creativity

lack of creativity

The learning curve to use it proficiently





### Hallucinations and Inaccuracies

It can get things wrong

- incorrect data that they have been trained on
- -Make up answers to questions hallucinations that AI believes are correct

## Bias, Stereotyping and Discrimination

- -It can be trained on data from the internet
- -It can pick up biases or discriminatory info and reflect this bias in its output

## Privacy

- -Data is not secure
- -Data can be used in Al's future answers

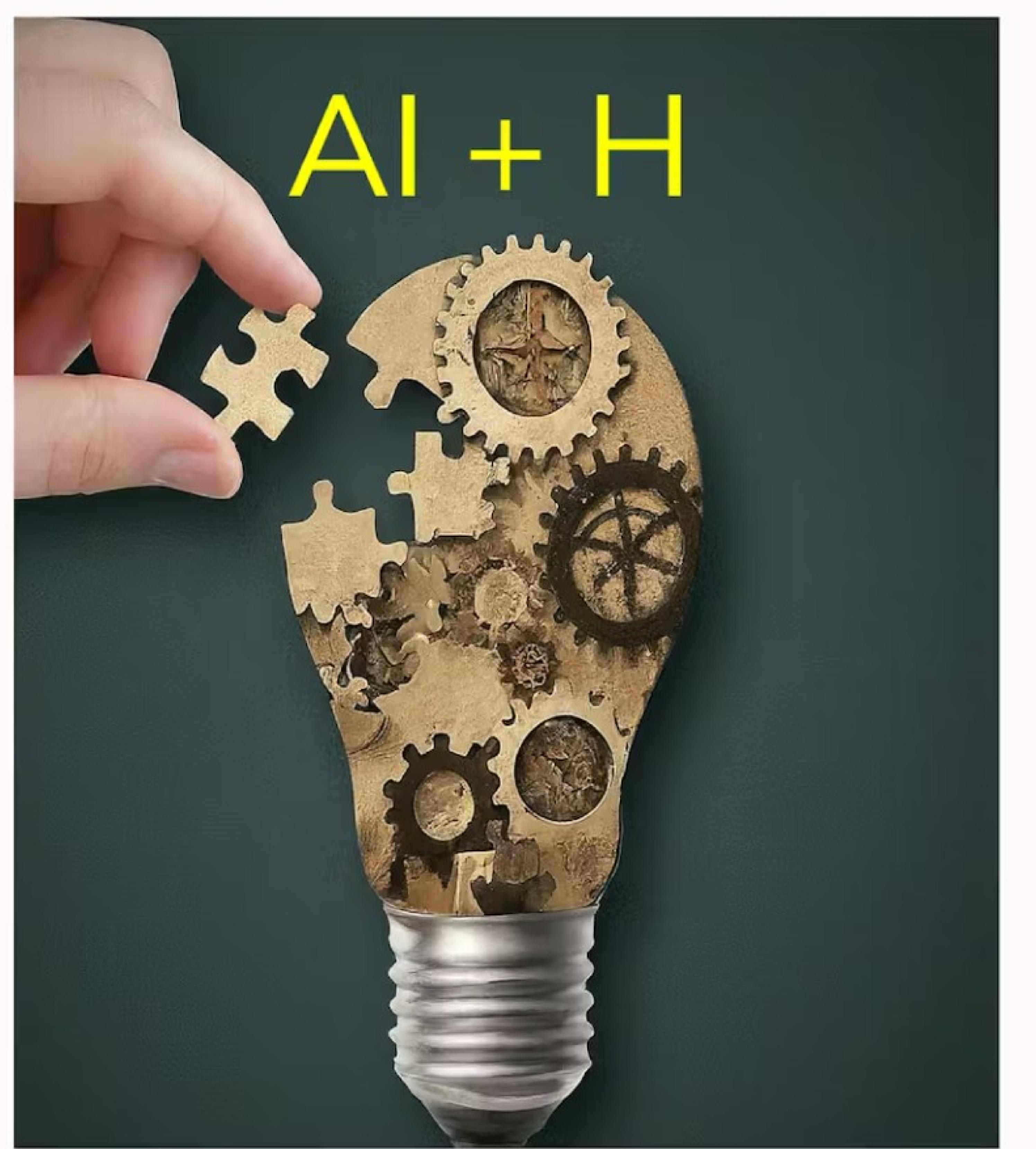
### Ethical Problems

- -Al cannot hold moral and ethical values
- -AI developers provide rules but they don't always work or humans can get around them

## Artificial Intelligence

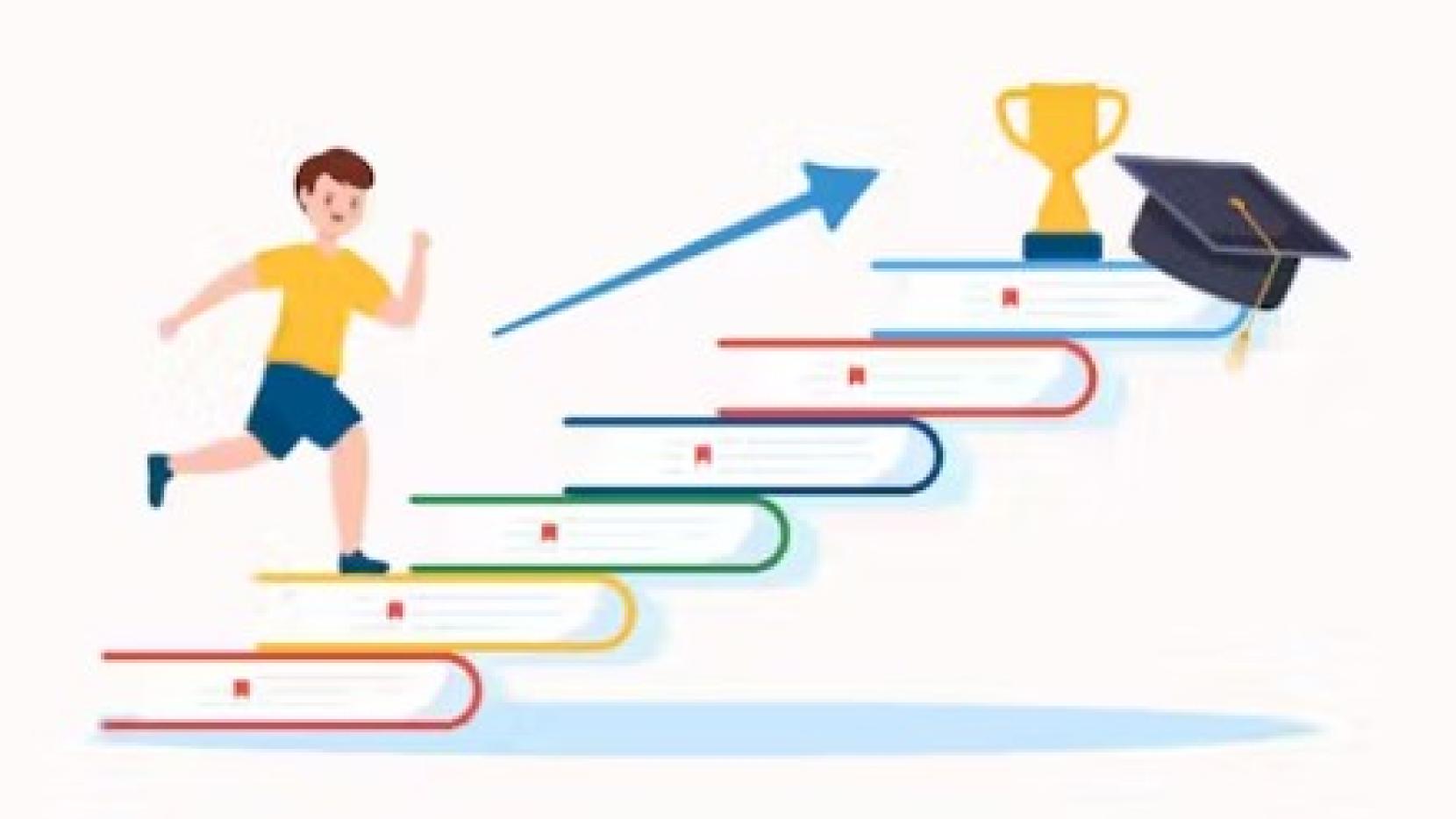
Critical Thinking

Human Creativity
Intelligence



Problem Solving

### BENEFITS of Al on LANGAUGE LEARNING









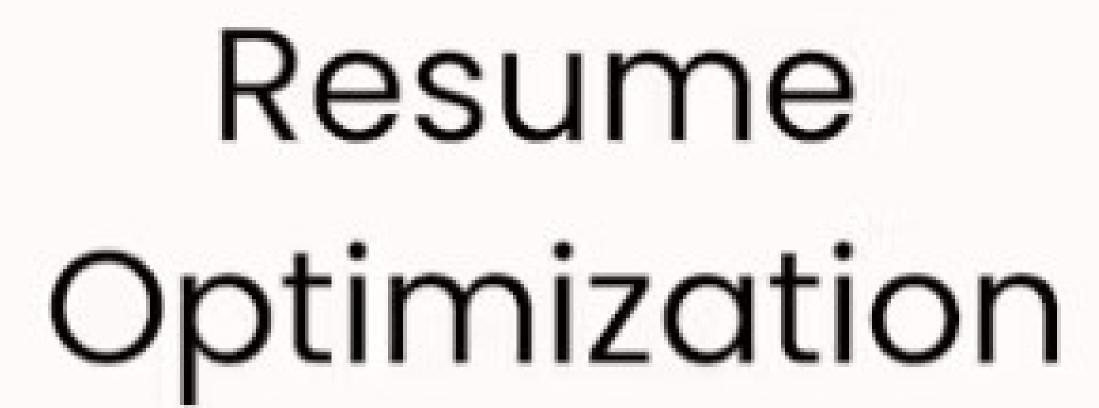
Personalized Learning Paths Adaptive
Practice &
Real Time
Feedback

24/7
Accessibility
& Flexibility

Reduced Learning
Costs

## MORE BENEFITS & APPLICATIONS of AI on EMPLOYMENT



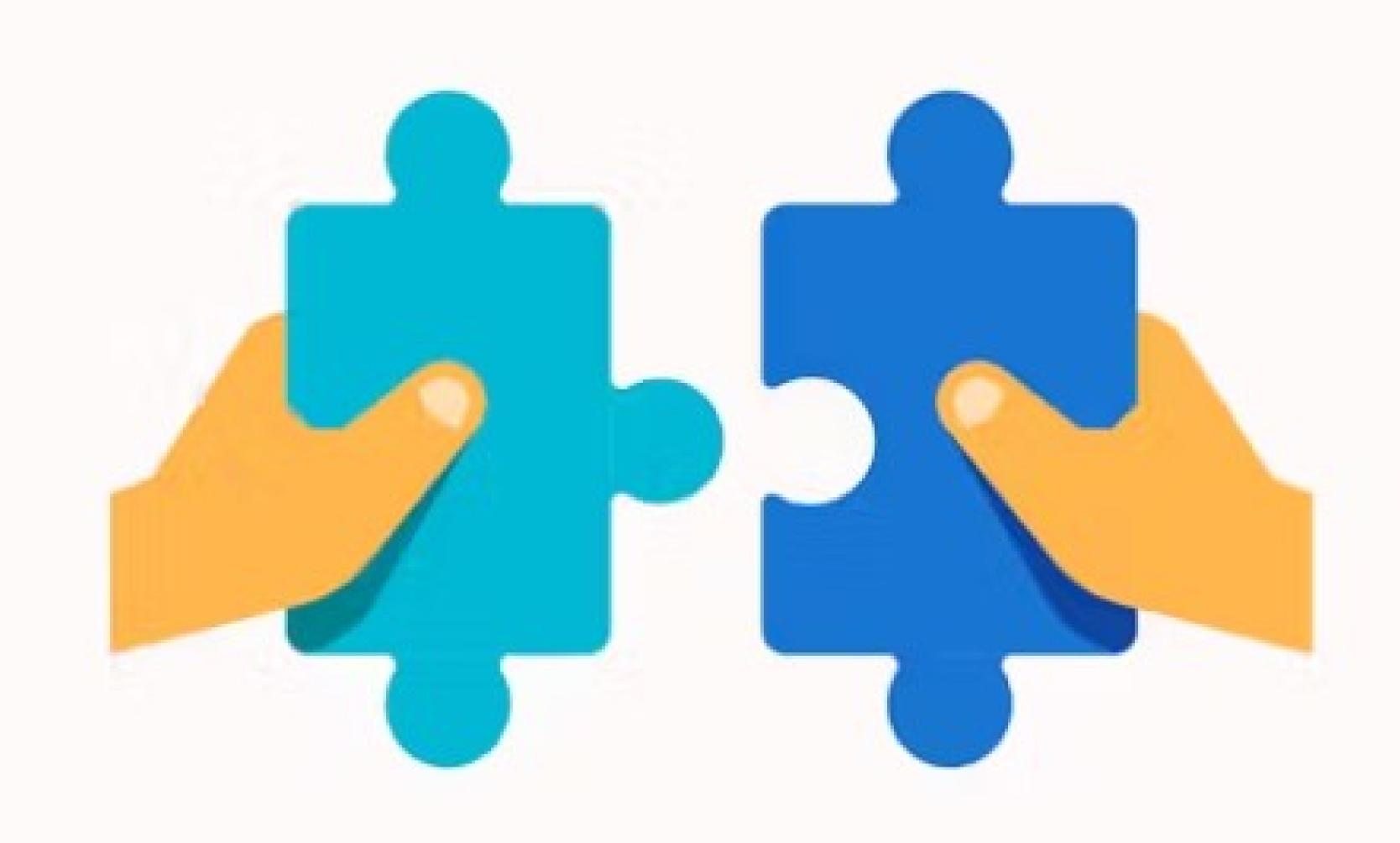






Career Path
Predictions &
Planning





Job Recommendations & Matching





Reskilling & Upskilling Recommendations



#### BENEFITS

### Supports Persons with Disabilities

scalable

Accessible

Takes away the repetitive, redundant work

Better client engagement

Data-driven insights

Timely Feedback

Learner Autonomy

#### ABOUT





### We build a comprehensive

workforce development ecosystem, connecting

job seekers, employers, and community agencies with tools, insights, and solutions to prepare everyone for success.

### ECO-SYSTEM

## Devant

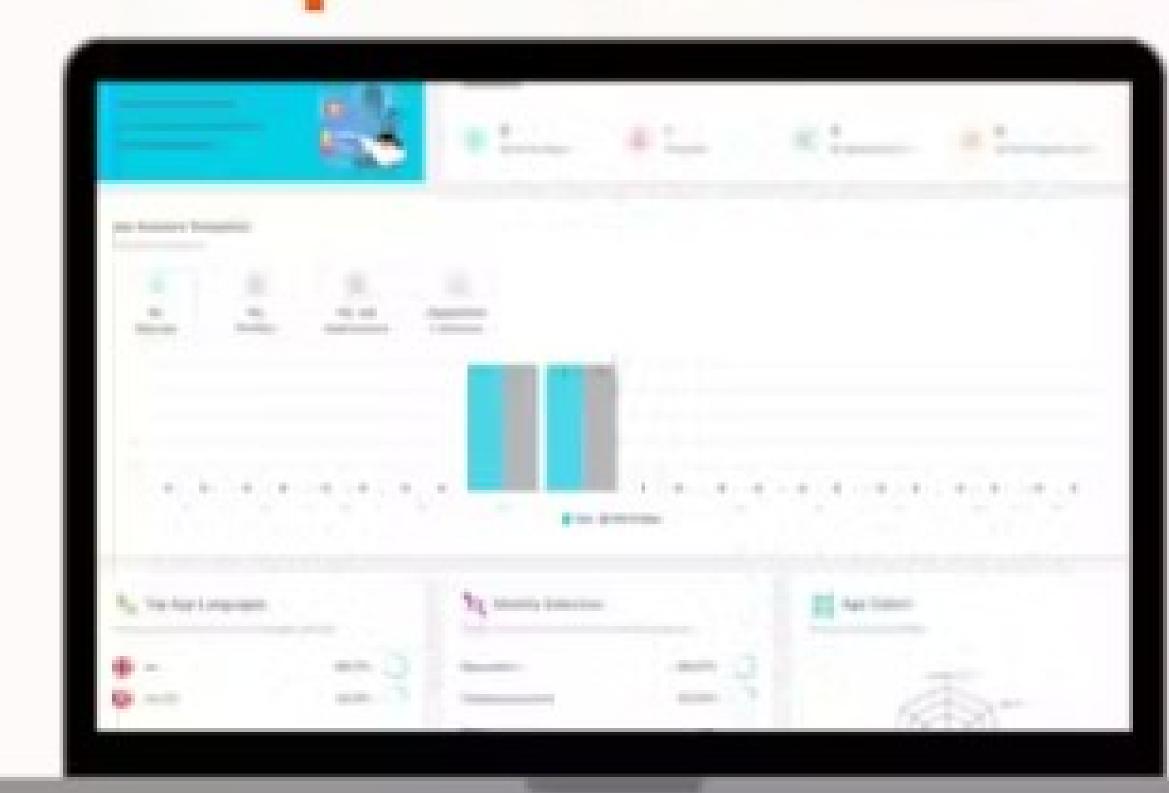
#### JOB PREPARATION

Career Development Portal

#### COMMUNITY

Employment, Settlement & PSEs offer wrap-around supports

#### Impact Centre



1

2

@kibbi

#### EMPLOYMENT

Opportunities across Canada and regionally

#### TRACKING

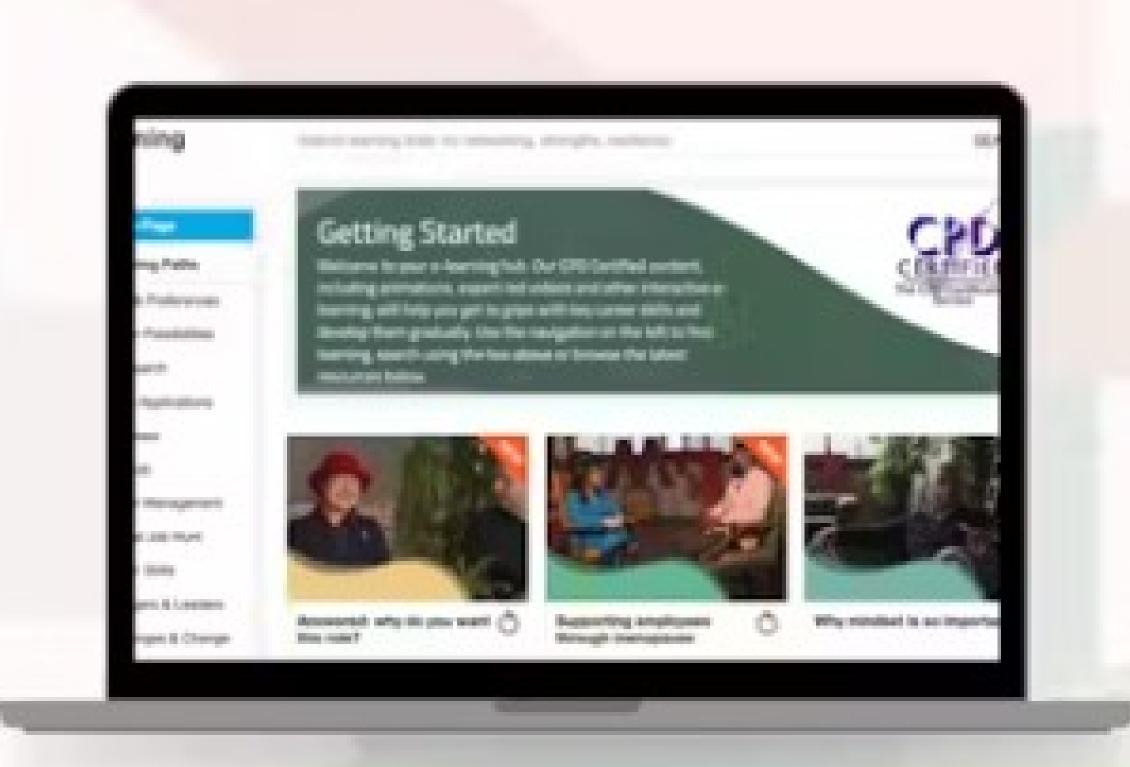
Reports, Metrics and KPIs

### About Us

Equip newcomers with career development support and instant access to local resources & jobs



Pre-Employment Services



White -Labeled
Pre-Employment Support
Portal

### Prepare Job Seekers

Resume Builder

ATS Scanner

Al Mock Interview

LinkedIn Optimization

And Much More...

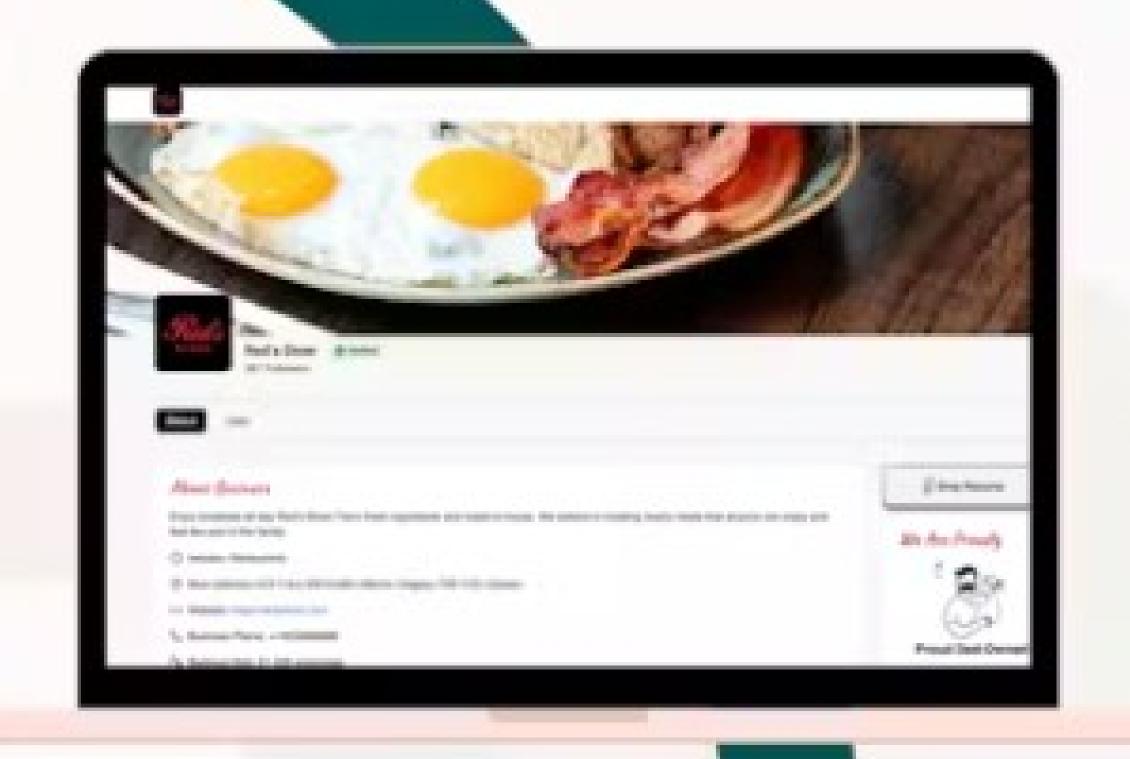


## Kibbi Eco System

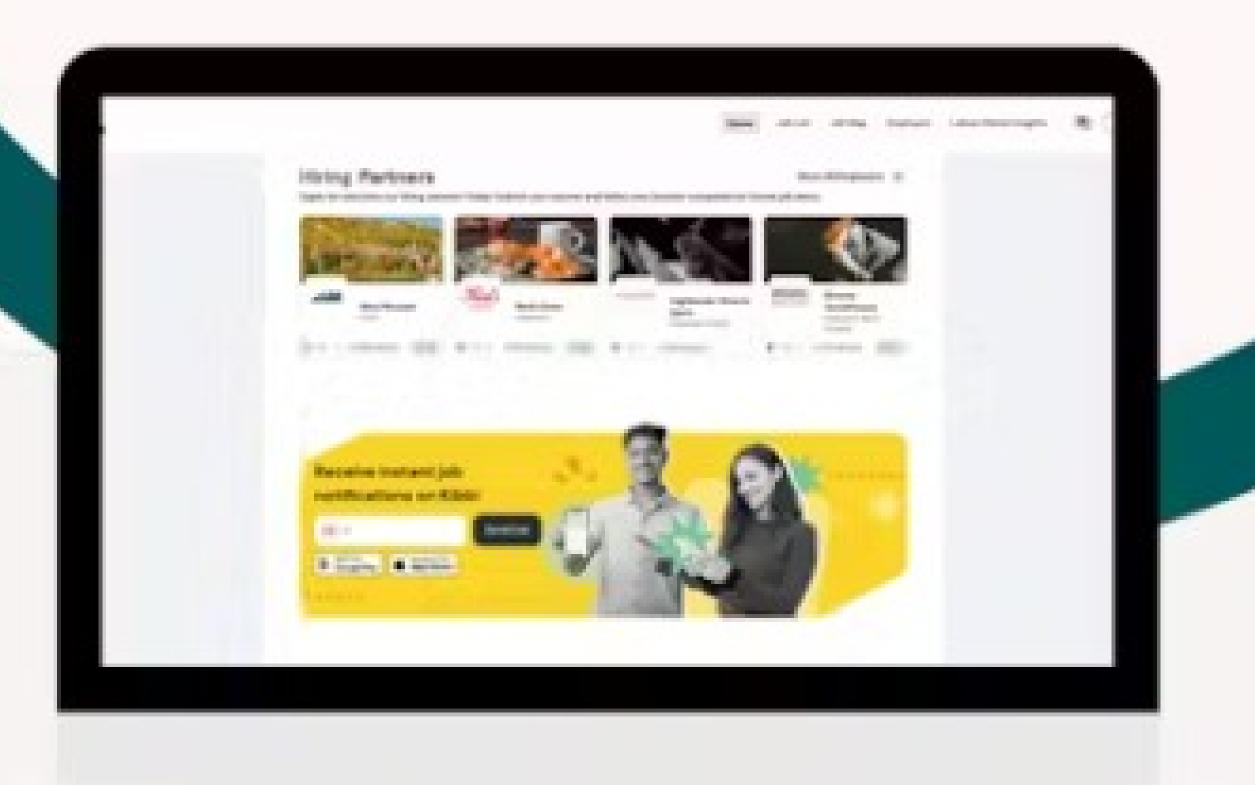


Job Seeker Kibbi App





Employer Career Page



Community
Job Board

### Are you more likely to use Al in your work because of today's session?







## SIGN UP HERE



## Our Partners









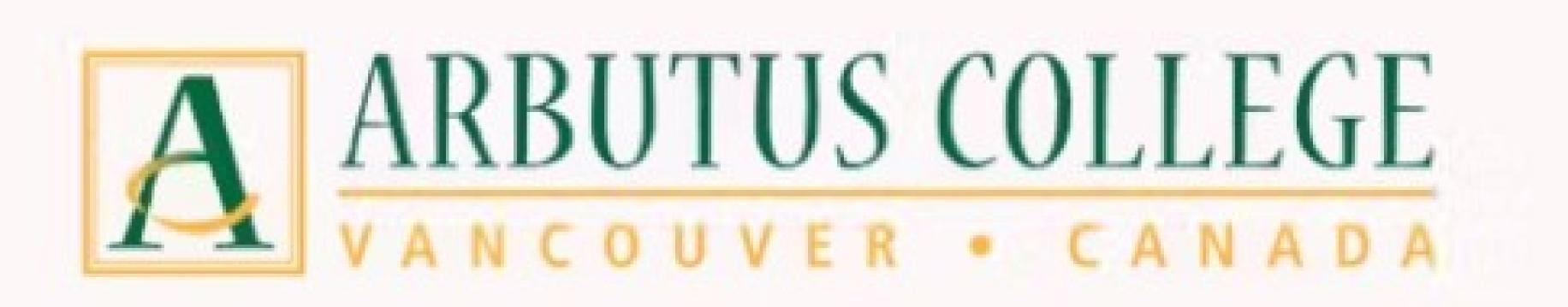
















## Devant

# Thank you! Questions?

