

How to Future-Proof Your Job in the Age of Automation

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SAIT SCHOOL FOR
Advanced Digital Technology



SOZENTECH

Are you ready for tomorrow?



- Digital Transformation
- Being adaptable to change is equally important as being efficient

The Change

- New Behavior – Social Media & web
- Work Culture – Expectations, style of work
- Mobility – anywhere, any time
- Globalization – Beyond boundaries
- Technologies – AI, Cloud



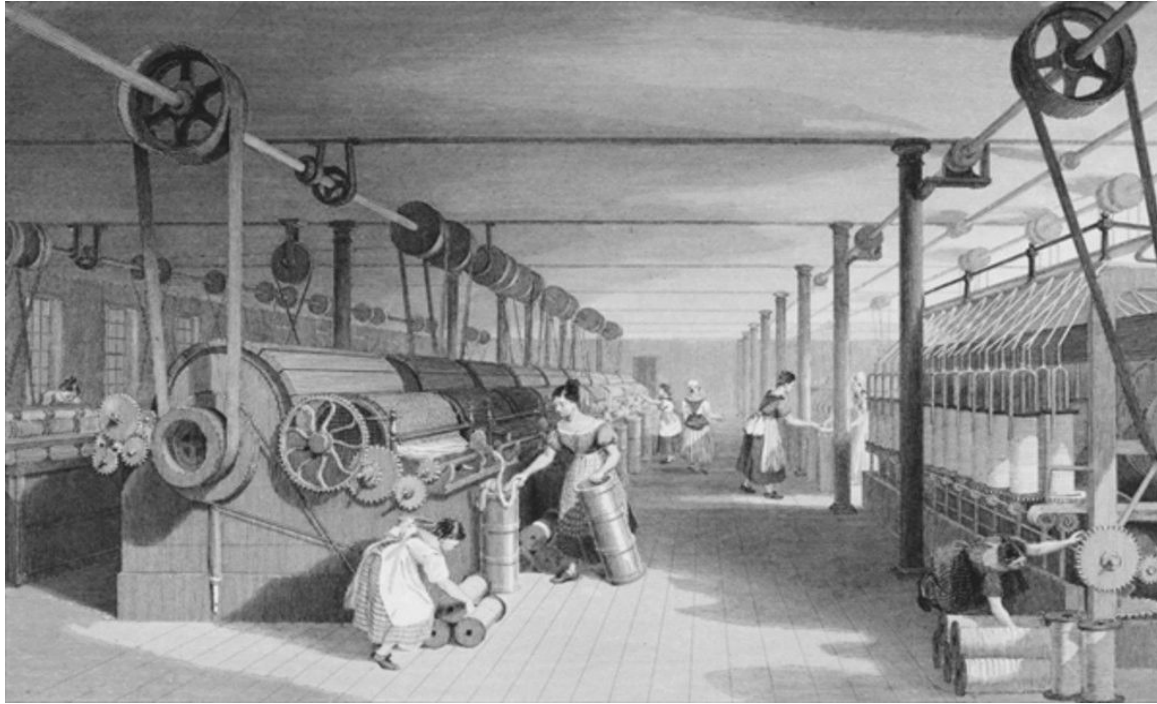
Should we fear automation?



Automation is not bad!



Automation is not new, but it's different this time...sort of



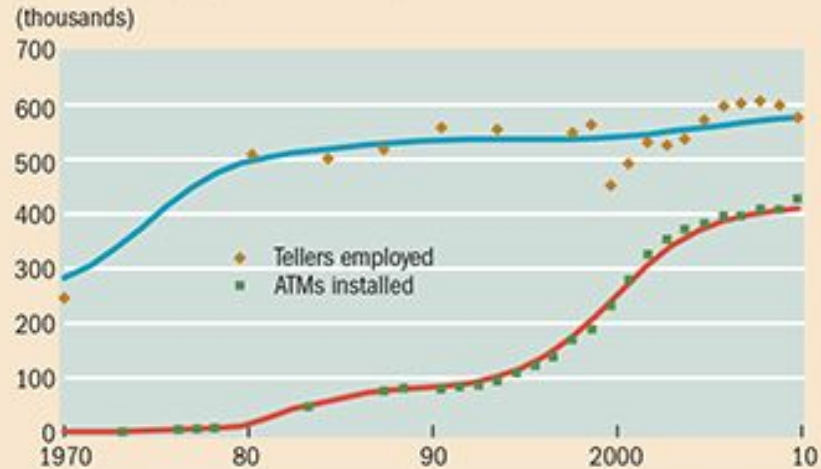
Automation is not new, but it's different this time...sort of



Chart 1

Dispensing jobs

As more ATMs were installed in the United States, the number of tellers employed did not drop.



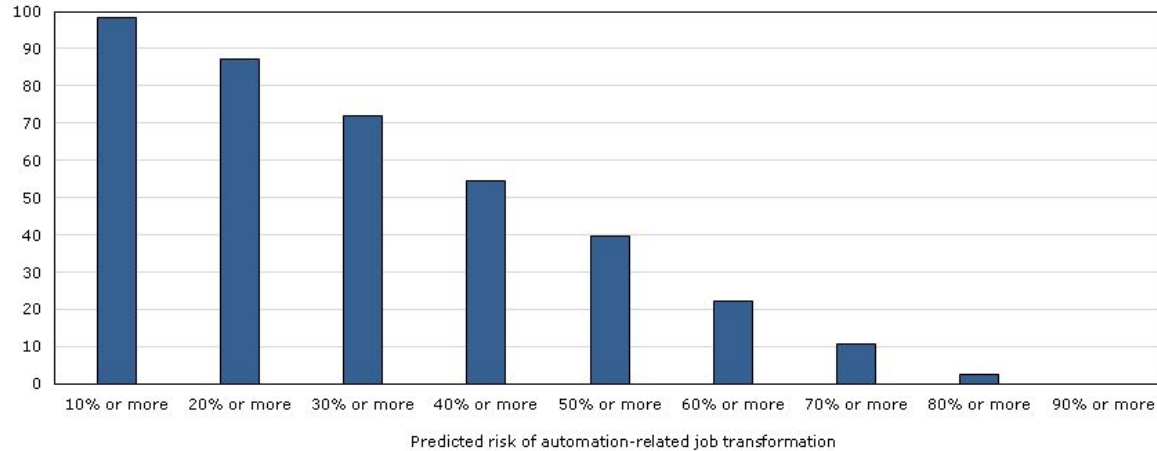
Sources: Ruggles and others, Integrated Public Use Microdata Series: Version 5.0; Bureau of Labor Statistics, Occupational Employment Survey; and Bank for International Settlements, Committee on Payment and Settlement Systems, various publications.

What careers do you anticipate being at risk of automation? Why?

Who is at risk?

- 98% of the population is at risk of some form of automation
- 50% of jobs are at risk of significant automation

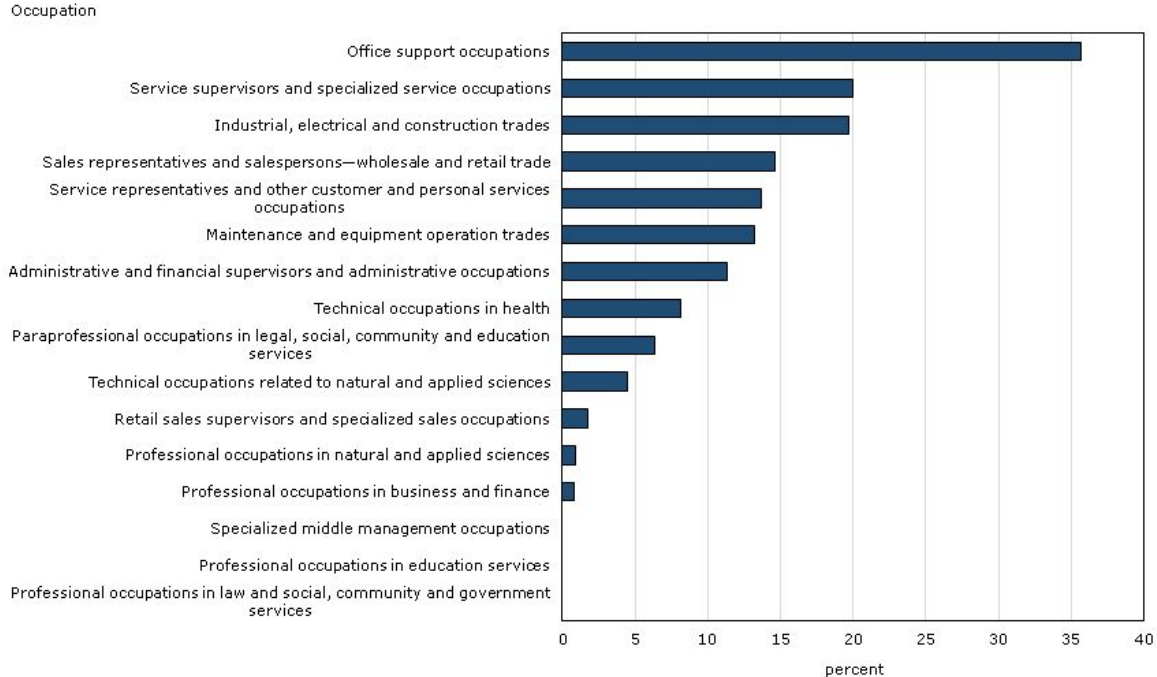
Chart 1
Distribution of the predicted risk of automation-related job transformation
percent of jobs



Source: Statistics Canada, Longitudinal and International Study of Adults, Wave 3 (2016).

Who is at risk?

Chart 2
Predicted share of workers at high risk of automation-related job transformation, by occupation



Note: Specialized middle management occupations in administrative services, financial and business services, and communications (except broadcasting).

Source: Statistics Canada, Longitudinal and International Study of Adults, Wave 3 (2016).

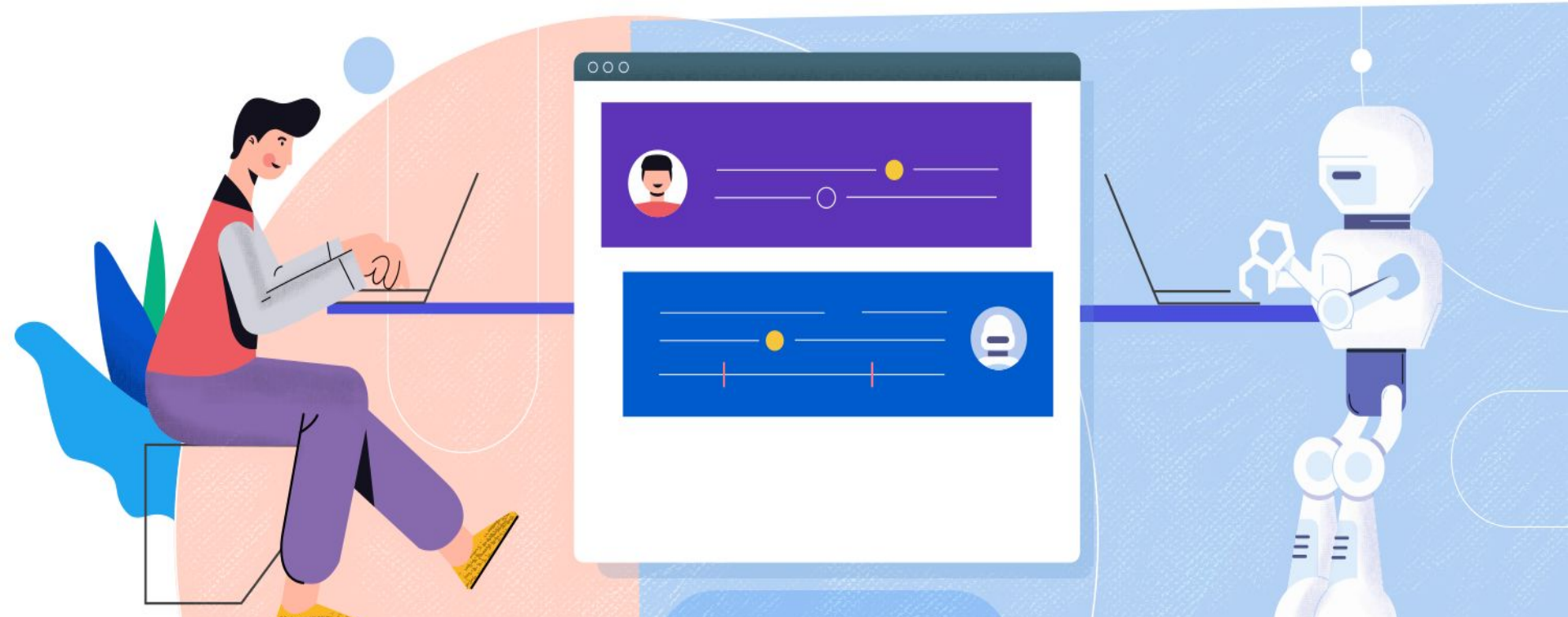
What does automation look like today?



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What does automation look like today?





**What does
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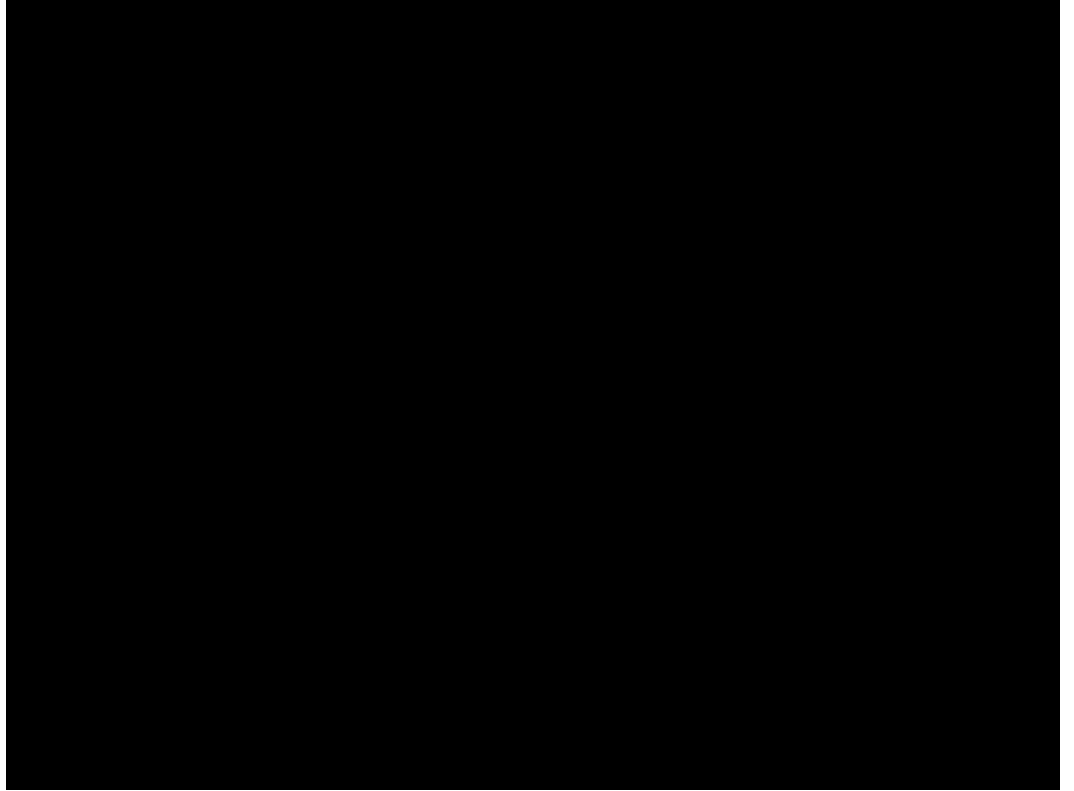
What does
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What does
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What drives automation?



Why is this a big deal now?

- Pace of evolution → COVID, customer perspectives, expectation, and adoption
- Technological leaps are exponential not linear
- Upskilling is harder now, because non-menial tasks are being automated



A glimpse into the future



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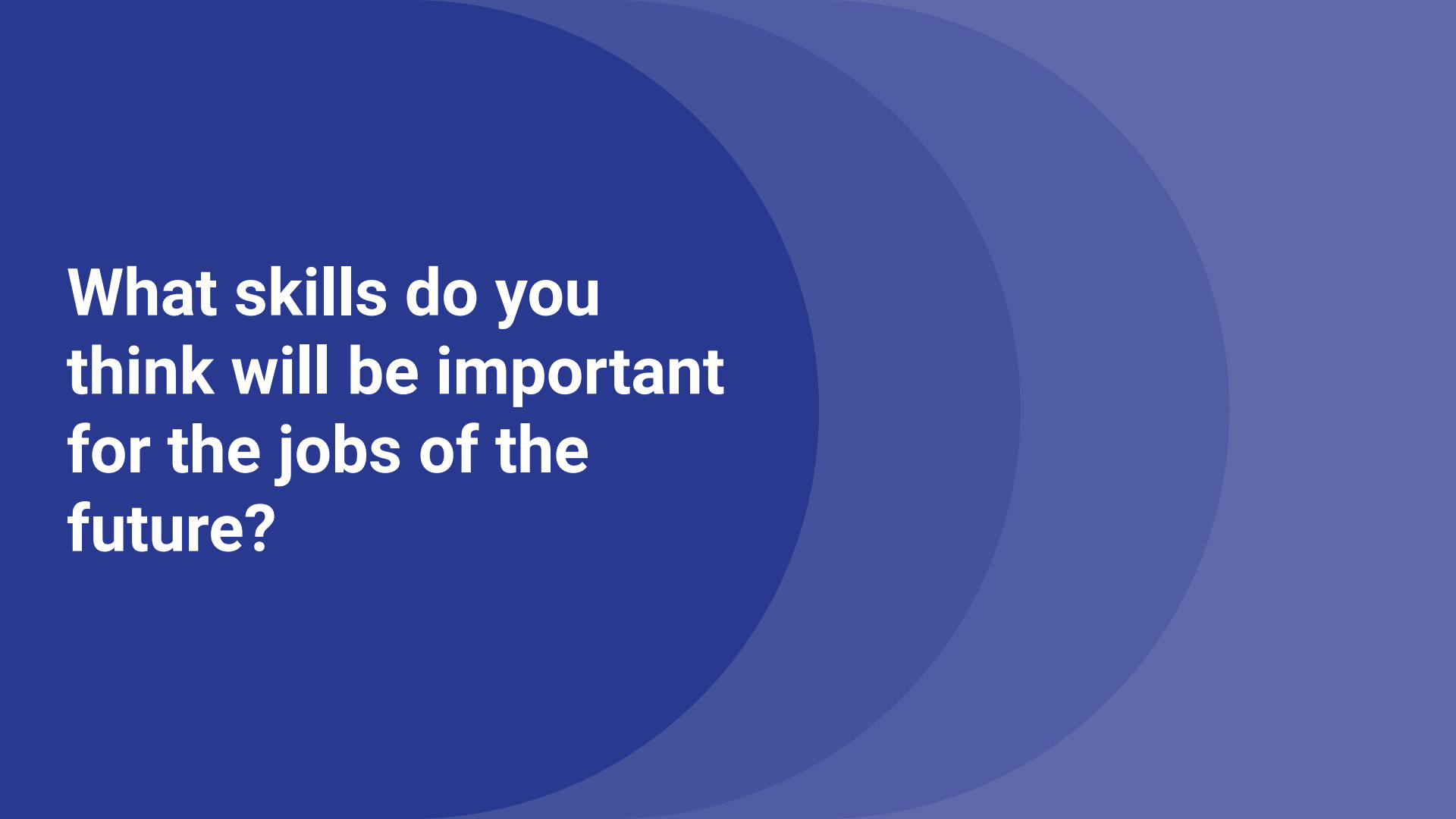
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A glimpse into the future



A glimpse into the future





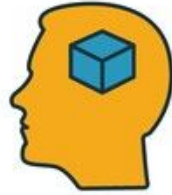
**What skills do you
think will be important
for the jobs of the
future?**

Power Skills

'Talent' no longer means the same thing it meant ten years ago.



PRESENTATION SKILLS



PERSONALITY



PERSISTENCE



GROWTH MINDSET



FLEXIBILITY



SELF-PROMOTION



TEAM SPIRIT



COACHING



CREATIVITY



SELLING SKILLS

Jobs in Demand

- 85 millions jobs displaced by 2025 but 97 million new jobs created
- 38% businesses believe that technology will pave way for emergence of new jobs
- 41% employers plan to expand use of contractors – growth in gig economy.



Alberta & Tech

- Canada's ICT spending grew by 4.9 percent, three times faster than the country's overall economic growth.
- Tech is of the fastest growing industry in Canada
- Alberta saw investment of \$227 Million in 2019 spread across 39 deals.



So what can you do?

- Recognize and understand the problem
- Ask the hard questions
- Explore the job market
- Consider upskilling



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