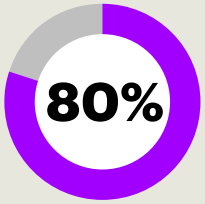
1.0 Key Impacts of the Pan-Canadian AI Strategy

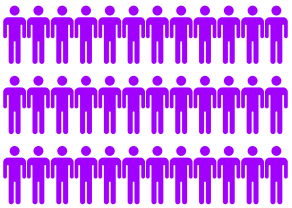
Since 2017, the Pan-Canadian AI Strategy has demonstrated significant economic and social impact. AI centres across Canada have evolved into a coordinated, flourishing ecosystem that serves to translate AI research discoveries into applications for the public and private sectors.



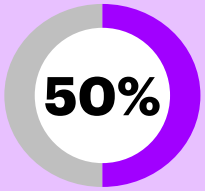
of the world's leading researchers
retained and recruited to Canada through the Canada CIFAR AI Chairs program

2018 Turing Award Winners
Yoshua Bengio (UdeM & Mila)
Geoffrey Hinton (UofT & Vector Institute)
"The Nobel Prize of Computing"

1200+
Trainees supervised by Amii, Mila, and the Vector Institute



amii VECTOR INSTITUTE Mila



Growth
in ICT foreign direct investment from 2017 to 2019 (based on total book values)

45+ Companies
invested in AI research labs in Canada, including Microsoft, Google DeepMind, and Thomson Reuters)

2.3x Growth Funding
deployed to AI startups since 2017

680 formal industry partnerships
developed by CIFAR, Amii, Mila and the Vector Institute

Ranked #4 in 2019 AI Skills Migraition
a measure of inflow and outflow of talent

Up 20 spots since 2015

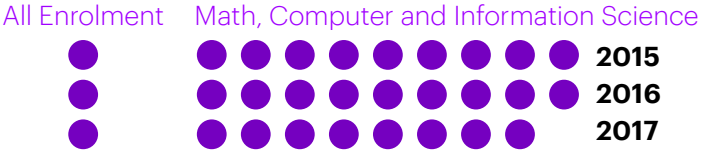
Three Canadian universities in **top 25 ML** programs globally
per CSRankings

1 **University of Toronto** 2 **University of Alberta** 3 **Université de Montréal**

3.6% technology employment growth
vs. all occupation employment of 1.7%

2018 to 2019

26% growth in math, computer and information science enrolment
3% growth in all postsecondary enrolment



Key R&D lab investments made in 2017

Google Brain establishes first Canadian lab

Facebook launches AI research lab in Montreal

DeepMind chooses Edmonton as its first international lab