

# FORECASTING LABOUR DEMAND FOR ARTIFICIAL INTELLIGENCE (AI) TALENT IN CANADA: 2018-2025



## WHAT WE KNOW

AI pioneers all over the world have estimated that there will be more advances in AI during the next 5-10 years than there have been in the last three decades.



AI also facilitates our lives with, for example, industrial robotics, robotic medical assistants, smart games, financial forecasting software, big data analysis algorithms in health and bioinformatics, pilotless cargo planes, drone ambulances, general purpose and workplace robots among other advances.

## GLOBAL FORECAST

The global economic impact of AI is expected to reach **\$190.6 BILLION** by 2025



at a compound annual growth rate (CAGR) of



## CANADA FORECAST

It is estimated the domestic AI market will be worth between **\$ 3.7 BILLION - \$5.3 BILLION** by 2025



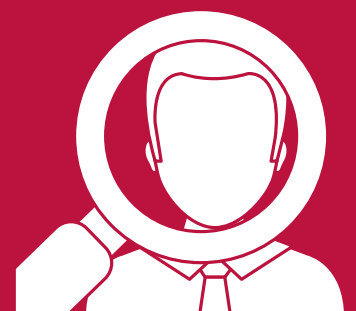
ICTC estimates that by 2025, Canada will see a demand for approximately **45,000- 63,000**

AI technology experts across a variety of industries, such as retail, banking, transportation, manufacturing and health

## MOST DEMANDED JOBS

ICTC has categorized the following occupational groupings as best representing AI and digital talent.

- Computer and information systems managers
- Computer engineers (except software engineers and designers)
- Database analysts and data administrators
- Computer programmers and interactive media developers
- Engineering managers
- Information systems analysts and consultants
- Software engineers and designers
- Industrial instrument technicians and mechanics
- Health information management occupations



FOR MORE INFORMATION AND FURTHER INQUIRIES, PLEASE EMAIL ICTC'S SENIOR DIRECTOR OF RESEARCH & POLICY:

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