



## Data analytics is cutting-edge in Ottawa

Ottawa's data analytics strength powers innovative applications spanning several clusters — from digital health to CAVs. The ecosystem features startups such as Giatec, which uses concrete embedded sensors to collect data. Klipfolio is an industry leader in dashboard data visualization and management. Assent Compliance is a fast scaling company offering an analytics platform that helps clients with regulatory compliance. SMATS offers a powerful data analytic platform of traffic information to help cities control flow. The city's main post-secondary institutions have data analytics programs or centres. The National Research Council Data Analytics federal lab offers innovation services to industry. Finally, Area X.O is one of the most advanced, integrated communications test infrastructures in the world and features authentic pre-commercial 5G, including mmWave, from Nokia and Ericsson.

### OTTAWA AT A GLANCE

**1,440,000**  
National Capital  
region

**1,750**  
Knowledge-based  
companies

**76,200**  
Tech  
workforce



## Ottawa's deep data strengths

Klipfolio<sup>™</sup>



*kinaxis*<sup>®</sup>

- #1 in North America for tech-sector talent concentration
- G7 capital, home to 65 government research labs and 136 embassies
- Dynamic data analytics sector spans health, govtech, e-commerce, fintech, smart cities and CAV
- 27,000 students studying STEM at Ottawa universities and colleges

### Our immigration advantage

- Get work permits in as few as two weeks
- Two dedicated programs
- No quotas or caps
- Pathway to permanent residency



## INDUSTRY

### Sector stars and startups

- Ottawa is a hotbed of data analytics companies across several different verticals, which are helping businesses, individuals and even municipalities make good decisions.
- Giatec Scientific Inc. is building leading-edge sensors for use in construction efficacy and efficiency; 7,500 projects in 85 countries have used Giatec's products.
- Business intelligence software company Klipfolio, produces reports from datasets for clients ranging from marketing agencies to financial services.
- Kinaxis is growing at rocket speeds thanks to its data-based supply-management software.
- Lixar is a data-analytics veteran in the capital that now has offices in Toronto and Halifax, too.

## ACADEMIA

### Tech talent feeders

- University of Ottawa has bolstered its offerings with a five-year, two-degree data-science program and its Meta Lab Bioinformatics uses tools for analysis.
- Within its CU Global Academy, Carleton University has a data analytics program for professionals.
- Algonquin College launched a Data Analytics Centre – the first of its kind for a Canadian college.

## GOVERNMENT

### Support systems

- The National Research Council of Canada's Data Analytics Centre brings together 35 machine-learning experts and state-of-the-art algorithms to help industry and scientific players.
- Each of Ottawa's hospitals is doing data analytics research. The Montfort Hospital has been using data analytics to understand obesity. Bruyère Hospital's smart apartment is helping doctors reach patients at home using sensors.

### Government Support systems

#### Industry Leaders



#### Academia



#### Government



### Three reasons to locate your business in Ottawa

- Highest concentration of tech talent in North America at 11.3 per cent – ahead of San Francisco's 10.5 per cent
- Second highest concentration of engineers and scientists in North America per capita
- 20 million consumers within a 400-kilometre radius, more than Toronto or Montreal

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