

Certificate in Trustworthy AI and Data Governance



Welcome to

Certificate in Trustworthy AI and Data Governance

Earn 10 PD Hours & 1 Ethics Hour

As CPAs adopt digital technologies, it is imperative for them to have the competencies to help their organizations plan and execute their digital transformation. This certificate aims to help CPAs in leadership roles to perform the much-needed digital controllership function to protect their organizations and clients. CPAs have transferable skillsets that can allow them to play new, value-added roles as organizations increase their dependence on digital technologies and AI for decision-making.

Topics Include:

- ▶ Understanding Data Value Chains
- ▶ Creating High Quality Data
- ▶ Corporate Data Policy and its Elements
- ▶ Fundamentals of Data Valuation
- ▶ Introduction to Privacy Regulation (Canadian federal and Ontario legal frameworks and General Data Protection Regulation)
- ▶ Introduction to AI Regulation (Canadian federal legislation and EU AI Act)
- ▶ Introduction to Data Ethics (Open Data Institute, Data Ethics Canva and Data Ethics Questionnaire)

Delivery Methods:

On Demand Learning



Key Takeaways

By the end of this course, participants will be able to:

- Increase their awareness of AI and privacy regulation and data ethics.
- Determine how to create and adhere to an effective corporate data policy.

Who Will Benefit

CPAs working in business, finance and audit services who are interested in providing value-added services in support of digital transformation and digital governance-related services. CPAs in these roles have the opportunity to pivot away from the risks of automation by actively upskilling in the areas of digital technologies and digital governance.

Examples of professionals who would benefit from this course include:

- CFOs
- VP, Finance
- Senior VP, Finance and Accounting
- Finance Directors
- Portfolio Managers
- Controllers

Earn a Digital Badge

Our new collection of digital badges can be earned through the completion of any of our certificate programs offered in our professional development catalogue. Collect these digital badges to add to your website, social profiles, email signature and more. These badges are an easy way to visually communicate your skills and accomplishments to your peers and network. Digital badges will be awarded based on course completion requirements.

Certificate Outline

Module 1

Understanding Data Value Chains

- Introduction to Data Chains
- Data's Role in Value Creation
- Identifying Key Stakeholders
- Data Quality and Reliability
- Data Governance and Compliance
- Financial and Retail Case Studies

Module 2

Creating High-Quality Data

- Importance of Data Quality
- Characteristics of High Quality Data
- Data Quality Metrics and Measurement
- Financial and Retail Case Studies

Module 3

Corporate Data Policy and Its Elements

- Understanding Corporate Data Policy
- Key Elements of A Data Policy
- Creating and Implementing Data Policy
- Financial Case Study

Module 4

Fundamentals of Data Valuation

- Introduction to Data Valuation
- Concepts and Methodologies
- Strategic Decisions
- Risk Management and Ethical Considerations
- Healthcare Case Study



Module 5

Introduction to Privacy Legislation: Canadian and EU

- Canadian Privacy Laws
- Canada's Anti-Spam Legislation
- Quebec's Bill 64
- The EU and GDPR
- Enforcement
- Other Privacy Laws

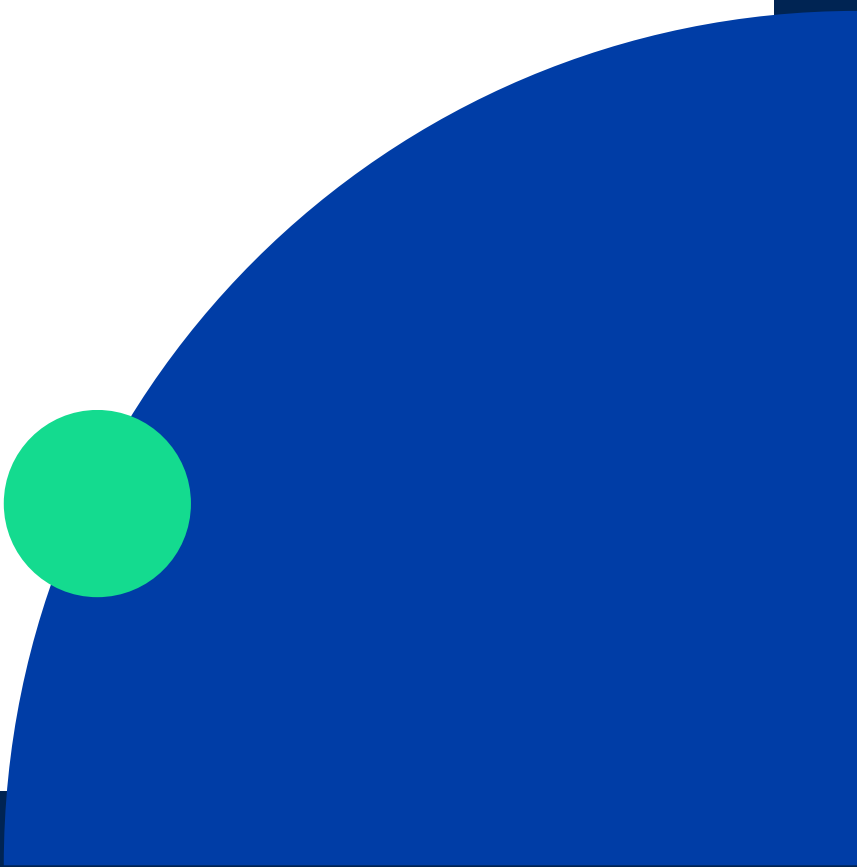
Module 6

Introduction to AI Regulation

- Canadian Federal Legislation On AI
- The EU AI Act
- Implications for Organizations

Module 7

Introduction to Data Ethics

- Understanding Data Ethics
 - ODI Data Ethics Canvas
 - Applying Data Ethics
- 



ABOUT YOUR INSTRUCTOR

Michel Girard

Michel Girard is a senior fellow at CIGI, where he contributes expertise in the area of standards for big data and artificial intelligence (AI). His research strives to drive dialogue on what standards are, why they matter in these emerging sectors of the economy, and how to incorporate them into regulatory and procurement frameworks. He highlights issues that should be examined in the design of new technical standards governing big data and AI in order to spur innovation while also respecting privacy, security and ethical considerations.



ABOUT YOUR INSTRUCTOR
Michael Lionais

Michael Lionais recently retired from the public service after 35 years of combined military and civil service. His last position in the public service was Director General, Cost Estimating and Transfer Payments Centres of Expertise. While in this position, he was seconded to CPA Canada where he worked on the Foresight Initiative. This initiative focused on reimagining the accounting profession in the digital economy. Michael has also taught at the Master's level for the Sprott School of Business and the Telfer Certificate in Complex Procurement and Project Leadership. He has received several awards for his work in predictive modeling. Michael is currently the Managing Director, Technomics Canada, a decision support company focused on developing data-driven insights to support decision-making.



ABOUT YOUR INSTRUCTOR

Constantine Karbaliotis

Constantine Karbaliotis is counsel at nNovation LLP, a boutique privacy law firm in Canada. Constantine has twenty years' experience in privacy, on both domestic and international levels. Constantine has acted as privacy officer and leader for two multinational organizations, where he managed the company's internal compliance and the development and implementation of privacy programs, dealing with diverse areas of international privacy and data protection.

Have Questions? Speak to an Advisor.

To speak to one of our advisors, please fill out this [form](#).