

Certificate in Big Data Analytics

Leverage data-driven insights to help your organization stay current and competitive.



■ May 17, 2027	📅 6 Months Part-Time	🎓 Blended (Online)	💰 3,650 CAD
■ Jan 18, 2027	📅 11 Weeks Part-Time	🎓 Blended Intensive	💰 3,650 CAD

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Skills You'll Gain

Data Analytics Foundations

Tools of the Trade

Analytical Methods

Strategic Insights

Professional Network

Prepare for Roles Like

Marketing Data Specialist

Junior Data Analyst

Business Intelligence Coordinator

Admission Requirements

Direct Enrolment

What You'll Learn

Build foundational expertise across the data analytics lifecycle, including data analytics concepts and applications, core and advanced analytic methods, and industry-standard tools and platforms to manage, interpret and translate data.

01 / Data Analytics for Business

Learn how data analytics enables and drives value creation across industry sectors and gain a high-level overview of the end-to-end data and analytics solution process.

02 / Introduction to Data Science

Gain an understanding of data science and predictive modeling. Leverage the data and analytics solution process to develop well-defined business problems and apply data science and predictive modeling techniques

03 / Accessing Data for Analysis

Learn to access common data provisioning techniques to support analytics requirements. Explore how data storage technologies have evolved to support big data analytic workloads. Access relational databases using SQL and NoSQL document and graph databases using vendor-specific query languages.



Course details and fees subject to change. Visit yorku.ca/continue.

Why York University School of Continuing Studies

Designed for working professionals, the School of Continuing Studies combines academic rigour with real-world application—so you graduate with skills you can use immediately.



Work-integrated learning with digital skills today's employers are prioritizing



Applied learning through real-world challenges with current market insights



Industry-informed curriculum shaped by subject matter experts



Cohort-based learning that builds lasting professional connections



Flexible formats designed for working professionals

Not sure if this program is right for you? Let's talk.

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