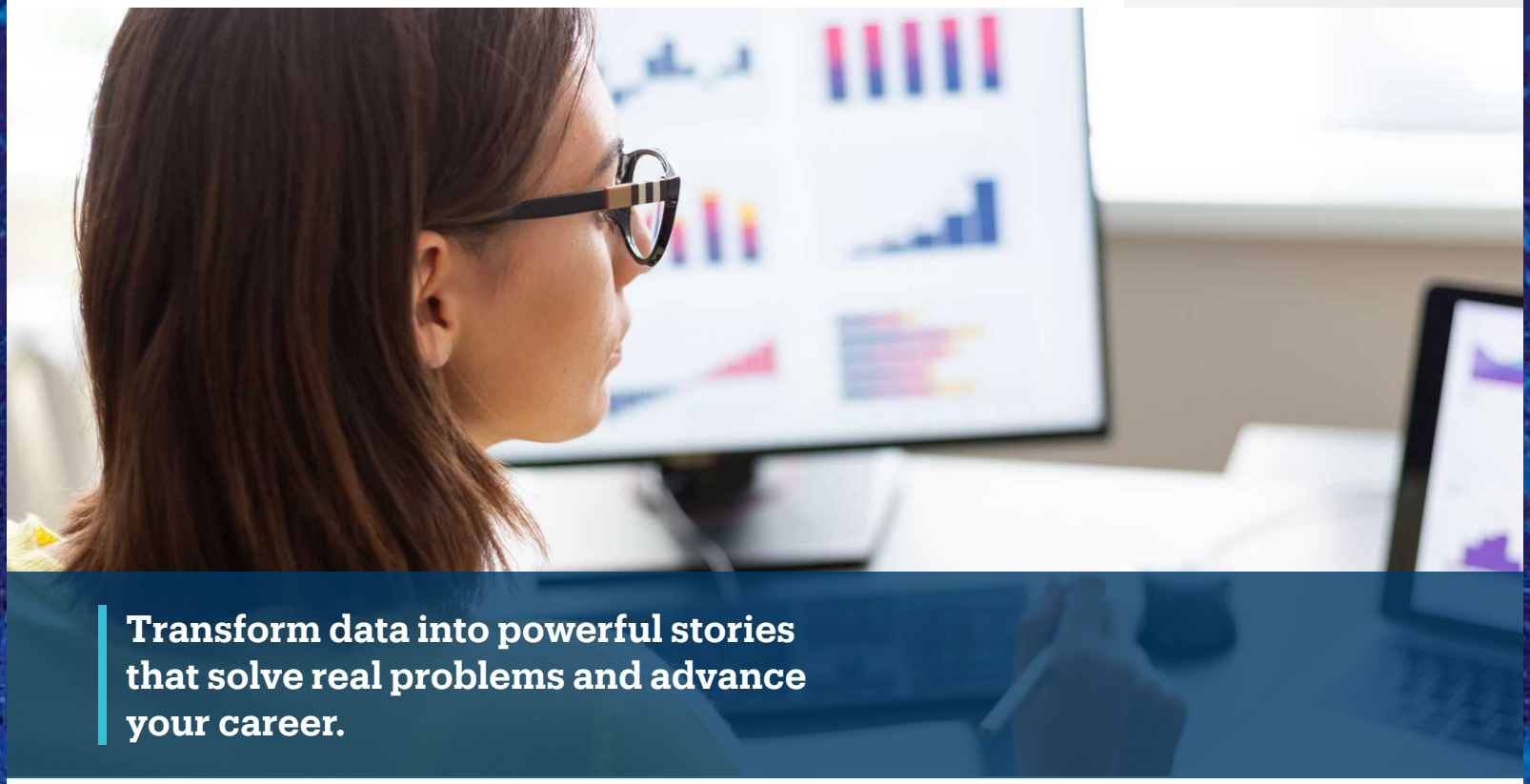
Sheridan

Applied Data Analytics and Visualization

Ontario College Graduate Certificate | 2 years / 1 year | Co-op
Hazel McCallion Campus (Mississauga)

Scan here



Transform data into powerful stories that solve real problems and advance your career.

Gather, interpret and visualize data

Businesses need people who can gather data, interpret it and create strategic insights through visualization and storytelling. Learn how to use AI-powered analytics to identify patterns, predict trends and become a strategic adviser in any organization.

Understand all areas of data analytics

Learn descriptive analytics to understand what happened, diagnostic techniques to discover why, predictive modelling to forecast trends and prescriptive methods to recommend actions. Develop skills in statistical analysis, AI and machine learning, data storytelling, ethical decision-making, project management and more.

Gain practical experience using the latest tools

Practice what you learn through interactive simulations, industry projects, job-shadowing, a capstone project and an optional co-op term. When you graduate, you'll already have experience working with various data analytics tools including Power BI, Tableau, Python, R and SQL, as well as AI/cloud platforms such as Azure, AWS and Google Cloud.

Career opportunities

There is strong demand for data analysts in Ontario across various industries such as finance, marketing, logistics, healthcare, government and technology.

You might find roles such as:

- Business intelligence analyst
- Data analyst
- Data visualization specialist
- Data translator
- Strategy and insights consultant
- Data support specialist
- Industry analyst
- Marketing analyst

Courses

Some of the courses you can expect to take in your program

- Introduction to Data Analytics and Information Systems
- Applied Data Analytics and Visualization Platforms
- Applied Data Analytics with AI and Cloud Platforms
- Statistics and Data Analytics
- Strategic and Ethical Decision-Making
- Applied Data Analytics and Visualization Capstone

Fees

Fees displayed are for the first 2 academic semesters and include tuition, health insurance and ancillary charges. These are estimates only; subject to change. See website for details.

For Canadian students

- $6,736.81 CAD

For international students

- $19,766.70 CAD

How to apply:

5 easy steps

1. Find your program
2. Check the admission requirements
3. Apply online
4. Submit your documentation
5. Accept your offer

Ready to get started?

sheridancollege.ca/apply



International students

Find out more about...

- Post-graduation work permit (PGWP) eligibility
- Admission requirements
- English language proficiency requirements
- Fees and financial aid
- Provincial Attestation Letters (PALs)

sheridancollege.ca/international

Admission requirements

Program eligibility

- Postsecondary diploma, advanced diploma or degree in business, applied computing, information technology, computer science or equivalent fields.

OR

- Demonstrated competence through educational experience and/or related work experience.*

Applicant selection

*Individual applicants outside of the fields identified may be selected on the basis of postsecondary academic achievement and related work experience (as determined by the college). These applicants will be asked to submit the following information to determine eligibility:

- Cover Letter (one page maximum):
  - Describe your personal or professional career goals and explain how this specific program at Sheridan will help you achieve those goals.
  - Please highlight any professional, academic or volunteer experience that directly relates to the program you are applying for.
- Résumé
  - Outline your academic background and include related work and/or unpaid/volunteer work experience.
  - Please ensure your resume highlights any experience relevant to your chosen program.

Résumé formats vary by country. Applicants must ensure their documents follow Canadian format and standards. For more information, see: “How do I create a Canadian-style resume?”

The Office of the Registrar will update your application in the Sheridan Applicant Portal to let you know if a résumé submission is required.

Applicants who do not meet the admission requirements for this program will be assessed and advised individually and may be considered for other, related programs.

English language proficiency

All applicants whose first language is not English must meet Sheridan’s English proficiency requirements.

Refer to the website for full admission requirements.