

TECHNOLOGY PROFESSIONS

Data Analytics

Make your opportunity.

Using data, sales records and marketing trends, data analysts help organizations make more informed business decisions. Trocaire's associate degree and certificate programs will prepare you to identify patterns and relationships in large data sets and show you how to resolve business questions and make data-driven decisions. Upon graduation, you'll have the tools you need to effectively create and communicate informed tactical and strategic business objectives.

You're ready to use the power of analytics to make your future more innovative and profitable. And we're ready to show you how.

What does it take to succeed in this field?

If you're committed to hard work and love solving puzzles, you're ready to start combing through data so you can determine where patterns and trends are really going.

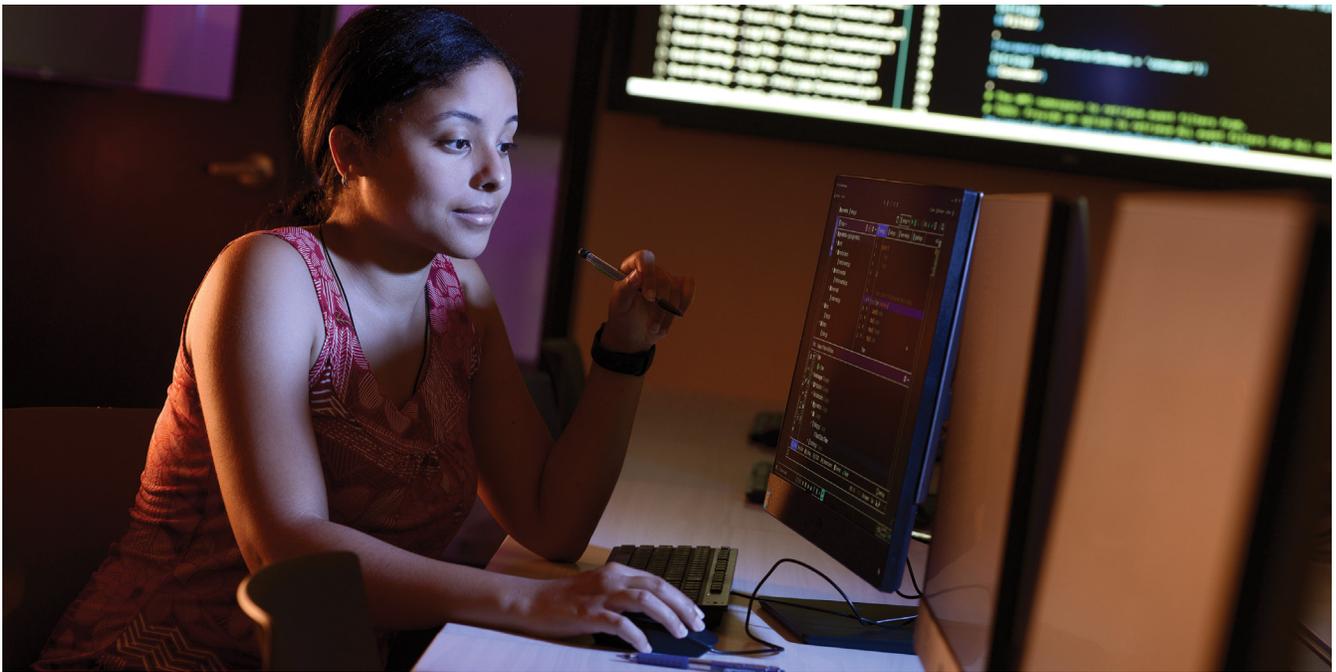
What careers will this degree prepare you for?

Whether you choose to be a data analyst, data scientist, database administrator or statistical assistant, you'll put big data to work for you. The even better news? Nearly every company needs to make data-driven business decisions, so you'll be in big demand.

What are the admission requirements?

Trocaire College evaluates students using a holistic admissions review approach, which gives them the best opportunity to highlight their strengths and potential for success in the program. Students are evaluated based on academic metrics, experience and personal attributes.

- High School Diploma (minimum 75% average) or HSE (High School Equivalency) diploma
- Transfers need a minimum cumulative GPA of 2.0
- Official transcripts from all high schools and colleges and/or universities attended



Contacts:

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Fundamentals of Data Analytics Certificate Program: Curriculum

Degree Levels: Certificate

Time to Completion: 12 Months

Time of Program: Evening/Weekends

Mode of Delivery: On-site/Seated

Semester 1

Statistics I
Introduction to Data Science
Data Analysis
SQL for Data Analysis
Data Mining
College Seminar

Semester 2

Capstone Experience in Data Science

Data Analytics Associate Program: Curriculum

Degree Levels: Associate

Time to Completion: 24 Months

Time of Program: Evening/Weekends

Mode of Delivery: On-site/Seated

Semester 1

Statistics I
Introduction to Data Science
Data Analysis
SQL for Data Analysis
College Seminar or College Success
Logical Reasoning and Decision Making

Semester 3

Project Management
Ethics in Data Science
Data Mining
Data Visualization and Business Intelligence
Research Methods: Techniques and Designs

Semester 2

Big Data Architecture
Problem Solving, Decision Making and Computer Applications in Business
Statistical Methods in Data Science
Logic
General Psychology

Semester 4

Biology Elective
English Composition
Data Analysis with R
Advanced Data Visualization
Capstone Experience in Data Science

In keeping with the mission, values and traditions of Trocaire College, all students **must complete at least one (1) Mercy Action Project learning experience prior to graduation.** MAP is a tuition-free, non-credit, value-added, co-curricular learning experience that provides service opportunities that integrate the College's mission through an action-reflection approach connecting service to your career path.

Immunizations/Physicals: Updated medical records from within one year of the start of the program are required and are to be submitted prior to the start of the semester.