



THE UNIVERSITY OF
WINNIPEG

Professional, Applied and
Continuing Education

Predictive Analytics

**GRADUATES OF THIS PROGRAM EARN THE
PREDICTIVE ANALYTICS DIPLOMA**

Stay ahead of the competition with this cutting-edge applied program focused on harnessing big data for smart business decisions that optimize competitive and social benefits within an organization. Graduates of this program master a range of analytical models to become strategic leaders in any industry.



AMIT SAINI
Economic Development Winnipeg, Senior Data Engineer
Class of 2022

Duration

12 months full time

Program Fee

\$13,100 Domestic
\$19,850 International
+ \$1,000 - \$1,500 Textbooks &
Supplies
Laptop Required
*Fees in Canadian Dollars and
subject to change.*

Start Month

September

We transform careers We build professional development opportunities into your program. With a Career Hub, resume and job-search courses, industry speakers, a mentorship program, and internship opportunities with more than 450 partners across Winnipeg, our students get a head-start in the job market.



Program Features

- » Resume & Job Search Training
 - » Professional Membership with Industry-Recognized Associations
 - » Specialized Curriculum for High-Growth Industries
 - » Internship Placement*
 - » Industry-Recognized Instructors
 - » Comprehensive Orientation Week
- *Subject to eligibility*



Internship

Internships provide a pathway to a wider network of industry contacts and offers students a chance to try out potential employers. Internships provide students with an opportunity to further develop their professional skills, while gradually increasing work responsibilities under the guidance of a seasoned practitioner.



Career Paths

Graduates can establish exciting frontline and management careers in the following areas:

- » Business Analyst
- » Business Intelligence Specialist
- » Data Analyst
- » Data Engineer
- » Data Scientist
- » Data Warehouse Analyst/Developer
- » IT Systems Analyst
- » Quantitative Analyst
- » Qualitative Research Analyst

Predictive Analytics Courses

- » Applied Statistics for Data Science
- » Big Data Platforms
- » Business Fundamentals
- » Data Acquisition & Management
- » Data Visualization for Analytics
- » Database & Programming Essentials
- » Effective Oral Communication
- » Effective Written Communication
- » Foundations of Data Science
- » **Indigenous Insights***
- » Predictive Analytics Theory & Practice
- » Project in Predictive Analytics
- » Project Management Fundamentals
- » **Resume Building & Job Search Techniques***
- » Topics in Data Science
- » **Writing for Academic Success***

Why Predictive Analytics?

The use of large volumes of data to forecast and predict human behaviour, business, and socio-economic outcomes has accelerated rapidly in recent years. This program builds foundational skills in data science with a specialization in the use of predictive models to forecast outcomes.

Students will learn to apply data science and predictive modelling to provide insights, predictions, and operationalize the use of data for competitive and social benefits within an organization.

**Courses specialized for the Canadian market*

Program content is subject to change based on local job market requirements