

MSCI-2230. Introduction to Data Science for Business

Learning Outcomes

Last Updated: February 9, 2018

(Sa180209-5.5.1f)

Learning Outcomes <i>This is a sentence completion exercise.</i>	Characteristics of a University of Windsor Graduate
<u>At the end of this course, the successful student will know and be able to:</u>	<u>A U of Windsor graduate will have the ability to demonstrate:</u>
A. Compare different types of data analytic techniques. Identify and describe applications of text and data mining. Describe the value and purpose of big data analytics enabling technologies.	A. the acquisition, application and integration of knowledge
B. Explain data integration and data extraction, transformation, and load (ETL) processes.	B. research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)
C. Identify suitable analytical models for addressing selected business problems.	C. critical thinking and problem-solving skills
D. Apply data analytic techniques and evaluate the insights obtained from the application of data analytic techniques.	D. literacy and numeracy skills
E.	E. responsible behaviour to self, others and society
F. Apply a variety of data visualization techniques to effectively communicate business insights drawn from business data.	F. interpersonal and communications skills
G.	G. teamwork, and personal and group leadership skills
H.	H. creativity and aesthetic appreciation
I. Evaluate emerging technologies that may impact the field of data science.	I. the ability and desire for continuous learning