

COMSC 4345 : Foundations of Data Science

Data science is an emerging discipline whose main goal is extracting information and knowledge from datasets and using it for decision-making, answering questions, or understanding phenomena. The fundamentals of Data Science will be studied from three perspectives; 1) as a collection of disciplines: exploring the interconnections between computing, mathematics, statistics, visualization, and other domains; 2) as a process: learning the life cycle in a data science project; and 3) understanding its computational foundation. This course also addresses the potential negative impact algorithms can have on people and society.

Credits 3

Course ID

008754

Requisites

[COMSC 4345](#) Prerequisites: [COMSC 3375](#)

Semester Offered

[Fall semester](#)