Nebraska Wesleyan University

DATA 3300 Principles and Techniques of Data Analytics II

Catalog

2024-2025

Course Description

This course builds on DATA 3200 to provide students with a more robust understanding of the tools of a Data Scientist. Data Analytics combines data, computation and inferential thinking to solve challenging problems to thereby better understand the world. This class explores key principles and techniques of data science, including quantitative critical thinking and algorithms for machine learning methods. It will also introduce students to the ways in which data analytics is deployed in healthcare, marketing, political science, criminal justice, and other fields. This course is an online class offered through the Lower Cost Models Consortium. The class has optional live sessions.

Prerequisite(s): DATA 3200 Principles and Techniques of Data Analytics I and MATH 1600 Calculus I.

Course Hours

3 hours

Departments

1. Mathematics and Computer Science