

## **CSC466: Data Mining**

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This course aims at extracting knowledge in large data sets that is always needed for future predictions. Data mining has important and growing significance in many applications like security, banking, bioinformatics, medicine, social networks, optimization, and web page design and analysis. Students will understand data mining as a set of analyzing concepts and techniques within different applications; build the required knowledge in many recent areas like fuzzy algorithms, rough sets, genetic algorithms, and neural networks; and implement and elaborate different mining algorithms to get the required skills.