

Data Mining and Machine Learning
CAP6673 - SPRING 2021
Fully Online - Via CANVAS

Instructor: Dr. Taghi M. Khoshgoftaar, Department of Computer and Electrical Engineering and Computer Science, EE Room 511, Telephone (561) 297-3994, Fax (561) 297-2800.

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Office Hours: Tuesday 2:30-4:00 PM (by phone)
other times by appointment

Text: *Data Mining: Practical Machine Learning Tools and Techniques*,
by I.H. Witten and E. Frank (4th Edition);
Selected articles and papers.

Prerequisites: Graduate standing or permission of instructor

Objective of the course: To enable students to understand basic concept of data mining algorithms with an emphasis on real world applications.

Catalog Description: This course deals with the principles of data mining. Topics covered include machine learning methods, knowledge discovery and representation, classification and prediction models.

Grading:

Homework assignments, etc.	45%
Term project	25%
Remote Exam (March 2nd)	30%