

Data Mining: Algorithms and Applications

2022-2023 Catalog

[ARCHIVED CATALOG]

CSC 487 - Data Mining: Algorithms and Applications

[CSC 275](#) or [CSC 276](#). [MTH 370](#) recommended. (3)

Study of the extraction of useful patterns from raw data using statistical techniques and machine learning methods. Includes use of fundamental statistical measures to summarize, pre-process and visualize raw data, and techniques for dimension reduction and data transformation. Examination of essential data mining methods, including association rules, classification and prediction, and cluster analysis, and their implementation using data mining platforms such as Weka and R. *Graded ABCDE*

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