EPPS6323 - Knowledge Mining

[EPPS 6323](#) Knowledge Mining (3 semester credit hours) This course introduces the concepts and techniques of knowledge discovery, data mining and machine learning. It covers a series of topics starting from exploratory data analysis, unsupervised learning, supervised learning and other learning methods to uncover the patterns and structure of data targeting predictive analytics. Specific modeling methods include regression analysis, classification, logistic models, non-linear models, decision tree, association rules, neural network and support vector machines. Programming languages including Python and R. (3-0) Y