TOPIC-TEXT MINING

Text mining, also known as text analytics,is the process of deriving meaningful information and insights from unstructured text data. It combines techniques from natural language processing (NLP), data mining, and machine learning to analyze text sources like documents,social media, emails, and more.The need for analyzing and deriving meaning from digital data is becoming increasingly important in today's world.

This seminar introduces text mining through various examples. Text mining involves techniques to process and analyze text, uncovering patterns, trends, and insights. It includes steps like text preprocessing (cleaning and organizing data), feature extraction (transforming text into a structured format), and applying various algorithms for classification, clustering, and summarization.Common applications include sentiment analysis, topic modeling, and information retrieval.

Text mining is a powerful tool that enables organizations to extract valuable insights from vast amounts of unstructured data. As digital information continues to grow, mastering text mining techniques will be essential for making informed decisions and staying competitive in various fields. This seminar will provide a basic overview of text mining and its process.