

Text Classification

Text Classification is a natural language processing task that involves categorizing textual data into predefined classes or categories. It is used in various applications, including sentiment analysis, spam detection, topic categorization, and document classification. Text classification algorithms employ machine learning techniques such as Naive Bayes, support vector machines, and deep learning models to classify text documents based on their content or features. They are trained on labeled text data to learn patterns and associations between words and classes.