

Filtering user intent in forums using supervised machine learning methods

Nguyen Thi Thanh Huyen

Abstract: This topic focuses on developing a system based on supervised machine learning to filter and identify user intentions in forums. The practical context highlights the need to address this issue to enhance communication efficiency and information support on digital forums. The objective of the research is to build a high-accuracy predictive model to process textual data quickly and automatically. The applied methodology includes both theoretical aspects of machine learning and experimentation to train and evaluate the system's performance. The expected outcome is to provide a useful tool for forums, while contributing to the field of supervised machine learning in natural language processing.

Keywords: Supervised Machine Learning, Text Data Analysis, User Intent Recognition System