

Filtering user intent in forums using supervised machine learning methods

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Abstract: In the context of real-world demands for a deep understanding of user intent on online forums, this topic focuses on developing an intent filtering system through supervised machine learning methods. The goal is to build a robust machine learning model to accurately classify and understand user intent from speech. The research methodology includes both theoretical and experimental approaches, combining deep learning techniques such as Convolutional Neural Networks (CNN) and Support Vector Machines (SVM). The expected outcome is to provide developers with effective analytical tools to improve user experience on online platforms, while contributing to the field of applied machine learning in natural language processing.

Keywords: Supervised machine learning, User intent classification, Online forum