

Building an intelligent news aggregation and summarization application using AI

Nguyen Thi Hong Ngoc

Abstract: In today's digital age, processing large amounts of information from diverse news sources has become a significant challenge. This topic focuses on building an application based on artificial intelligence (AI) to automatically aggregate and summarize news, aiming to help users save time searching for information and enhance knowledge acquisition efficiency. The objective of the research is to develop an AI system capable of analyzing and collecting data from multiple news sources, then synthesizing and summarizing the content into concise text while preserving information integrity. The applied methods include both theoretical research on AI and experimental deployment of the application to evaluate its effectiveness. This topic is expected to contribute to the development of AI technology in the field of natural language processing (NLP) and can be widely applied across various industries.

Keywords: artificial intelligence, news aggregation, information summarization, NLP, digital applications