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Network

تحديد العقد المؤثرة في مجتمعات الشبكة الاجتماعية
Identify Influential Nodes in Social network Communities

A Project
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Abstract

This study aims to explore the identification of influential nodes in social networking communities on Facebook. It is expected that more sophisticated and powerful analysis tools will become available to better understand relationships between individuals and identify influential nodes. You may use technologies such as artificial intelligence and machine learning to analyze data and provide more accurate and detailed insights.

The development of deep learning and machine learning techniques may help in analyzing content and activities on Facebook. These techniques can be used to identify individuals who play influential roles and understand their impact more deeply. Predictive models based on these techniques may be developed to identify influential nodes based on comprehensive analysis of activities and interactions.

New tools and techniques for analyzing behavior and dynamics on Facebook are expected to emerge. These tools can help better understand how ideas and information spread in communities and identify influential nodes that play a critical role in this process.

It is recommended to expand the research to explore other ideas such as making use of deep learning and artificial intelligence techniques, studying the influence of social, cultural and demographic factors, analyzing the diffusion pattern of ideas and information, applying advanced predictive models, and studying the relationship between influential nodes and social influence.