ABSTRACT

Decision support system for choosing a profession with application of decision trees.

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The purpose of the job is to create a decision support system for choosing a profession - a career test that works based on user-generated social media and user input.

The paper analyzes the existing tools that help to decide on the choice of profession (career tests), identifies their main advantages and disadvantages, and proposes a system based on input from the criteria of users to which Facebook advertising is directed. A system architecture is proposed which, based on Facebook targeting, greatly simplifies the process of choosing a profession through a career test.

In the future, it is recommended that you improve this Master's Thesis by creating a user-friendly web portal where respondents can anchor their social networks, further filling the profile with information.

It is also recommended to use other algorithms for choosing a profession and compare their accuracy, as well as to analyze the effectiveness of each method. Adaptively choosing the best.

CAREER TEST, PROFESSION, DATA ANALYSIS, SOCIAL NETWORKS, RECORDING POPULARITY, RECORDING POPULARITY, CAREER, CLASSIFICATION, FORECASTING, CONTENTS.