# Analyzing Stock Market on Small Devices through Web Services

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## Abstract

*This paper basically deals with the availability of client programs on mobile devices that can invoke the remote execution of data mining task. By implementing mobile Web Services, remote users are allowed to execute data mining tasks from a mobile device and receive the results of a data analysis task on devices. In data mining task presented in this paper, the stock data from different companies are categorized based on low growth, normal growth and high growth using K-Means algorithm. In client program, mobile users can periodically visualize the result clusters generated from the mining server either in textual or visual form and can periodically check a preferred company whether the company is in low, normal or high group and then the detail information of the company can be seen as communications. The objective in this paper is to identify the stock market from the viewpoint of investors from their personal devices with benefited services i.e. speed increases and saves memory. So the investors can efficiently invest their shares in the appropriate companies based on low growth, normal growth and high growth.*