



**INFORMATICS
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**Intrinsic Value Prediction of Companies of the Stock
Market Using Fundamental Data.**

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Abstract

It is a challenging task to invest in the stock market without losing capital. The success of the investment will depend on the ability to select a good company and the ability to predict fair-value of the company. One has to do a lot of research and calculations to decide confidently, which company and at what price to invest. For that, one has to have a sound knowledge of the stock market and its current situation.

However, an average professional will not have the knowledge and time to achieve the above considerations. As a solution to solve the issue of finding a good company and determining at what price to enter; this value prediction model is introduced.

This is a system which will use machine learning to predict the two fundamental factors P/E Ratio and Earning per Share to get the intrinsic value of a company that is suitable for stock market investment.

Keywords: Value Investing, Intrinsic Value, Machine Learning, Regression, Stock Market, Fundamental Analysis, PE Ratio, EPS