Investing101

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ABSTRACT

In 2020, the combination of unprecedented stock market volatility and COVID-19 lockdowns attracted herds of retail investors into the stock market. Major online brokers witnessed spikes in new account openings, showing that many new investors saw the market plunge as an opportune time to start investing.

Most retail investors rely on traditional financial data websites such as Yahoo Finance to retrieve relevant financial data to aid in their investing decisions. However, these sites' offerings tend to be homogeneous and comprise usual information such as price quotes, market commentary and corporate actions. Investors are left on their own to make sense of these information, without tools to further perform actions such as price forecasting or segmenting stocks into groups. These tools could possibly enhance their investing decisions.

Having identified this gap, we developed Investing101, an interactive visual analytics dashboard to allow investors to not only retrieve basic price information of stocks, but also apply machine learning models such as ARIMA forecasting and hierarchical clustering.

1. INTRODUCTION

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2. EVALUATION

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3. CONCLUSION

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