

A Study that Looks into Financial Analytics for Statistical Tools

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Abstract: *In the research on the ever-changing and intricate world of finance, financial analytics has become an essential field of study. Investment, corporate, and risk management professionals can use this document as a primer on financial analytics' foundational ideas, methods, and practical applications. Before diving into descriptive analytics, predictive modeling, and risk assessment approaches used in financial analysis, the document begins with an overview of data collection and preparation. It stresses the significance of data-driven decision-making in reaching investment goals and covers the use of financial analytics in managing portfolios, allocating assets, and evaluating performance. In addition, the paper discusses how financial analytics procedures can incorporate compliance needs and how regulations are always changing. Readers will learn how financial analytics helps businesses improve their financial performance, allocate resources more efficiently, and reduce risk through real-world examples and case studies. Professionals and scholars attempting to make sense of the complexities of contemporary finance will find this text an indispensable resource for learning about financial analytics and its concepts and techniques.*

Keywords: Financial analytics, Statistical methods, Predictive analytics, Tableau, Data