

Criteria III (Research Publications and Awards)

Key Indicator 3.3- Research Publication and Awards

3.3.2. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

(2020-21)

List of books and chapters in edited volumes/books published
and papers published in national/ international conference
proceedings

AY 2020-21

Sr. No	Name of the Author	Title of the paper / Title of the book/chapters published
1.	Dr. Jayashri Bangali	Microcontroller Architecture and Programming
		Digital Communication and Networking
		Communication Electronics
		Digital System Design
		Embedded System Design
		Microcontroller and Python Programming
		Wireless Communication and Internet of Things
2	Dr. Shweta Bapat	Know Everything About Corporate Social Responsibility
3	Dr. Sayee Kulkarni	A Value at Risk Approach For Analyzing Stock Movement of BSE Sensex Companies During The Covid 19 Pandemic
4	Mrs. Suvarna Subnis	Discrete Mathematics
		Matrix Algebra
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5	Ms. Ashwini Kale	Methods of Applied Statistics
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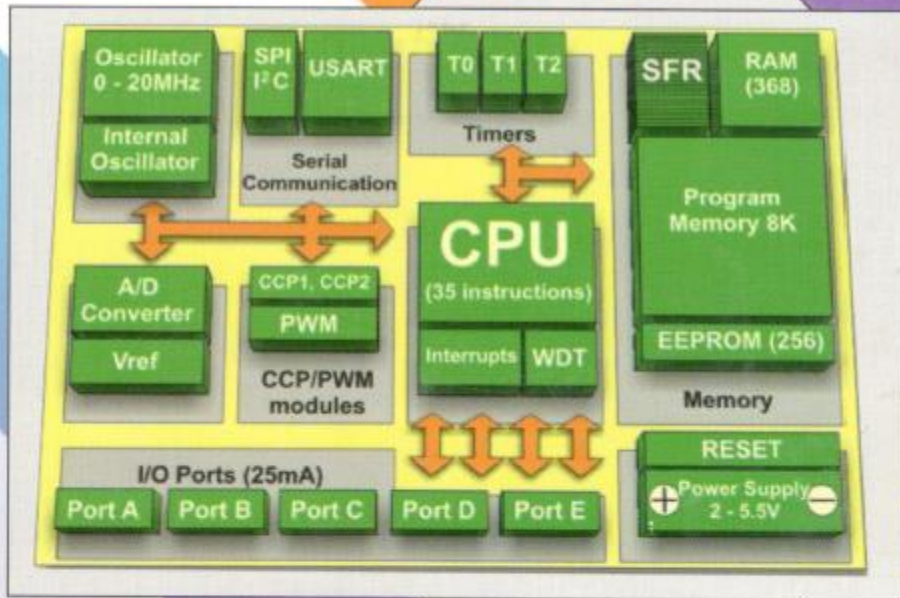
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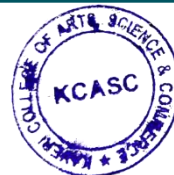
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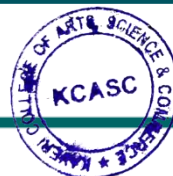
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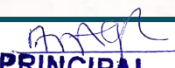
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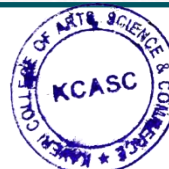
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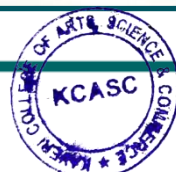
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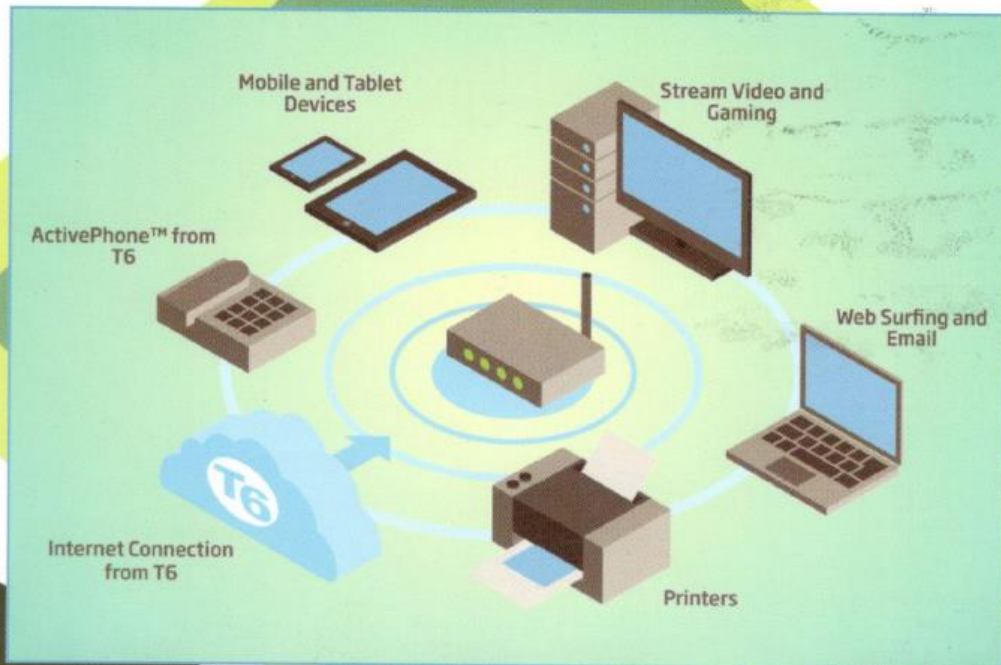
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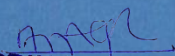
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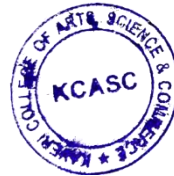
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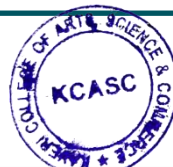
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try to create an uncorrelated forest of trees whose prediction by committee is more accurate than that of any individual tree. The current set of determinants were able to predict firm's profitability to a greater extent. We deduct that manufacturing firms were more profitable than service firms in long term however were indifferent in short term profitability indicator.

Keywords: Profitability, Strategic Factors, Return on Assets, Net Profit Margin, Random Forest Model, Decision Tree

FA-08: Digital financial literacy and the literate youth post-COVID-19: An empirical study from India

Zahid Bashir, IIT Roorkee, India

Sujata Kar, IIT Roorkee, India

Abstract: With a structurally ingrained digital divide on the one hand, and the increasing ubiquity of the internet and the latest technological devices on the other, it has become imperative to exploit the significant driver i.e., digital financial literacy (DFL), of the techno-centric world for the development and growth of financial systems. The COVID-19 has made the usefulness and need for digital financial literacy even more noticeable than ever. This has bought a change in the focus of researchers from traditional financial literacy to DFL and the information-communication between the digital financial services (DFS) providers and the individuals. In response, we aim to investigate the relationship between DFL and the usage of DFS among the highly-educated youth of India post-COVID-19. Albeit, a significantly low DFL level is found among the respondents but a positive correlation is seen between DFL and the investment in DFS and vice-versa. Findings suggest that digital literacy campaigns by government and other concerned institutions through social-media platforms could provide a boosting mechanism that would create awareness, trust and improve the overall efficiency of digital financial services, the financial system and, personal financial well-being.

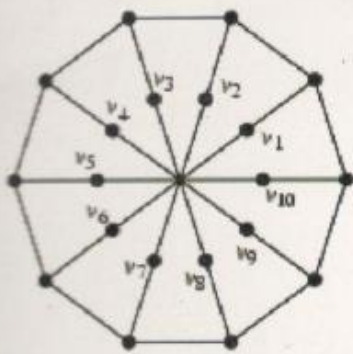
Keywords: Digital financial services (DFS), Digital financial literacy (DFL), COVID-19, Demographic variables, Multinomial logistic model, India

FA-09: A value at risk approach for analyzing stock movement of BSE sensex companies during the Covid 19 pandemic

Sayee Kulkarni, Asst. Professor, Kannada Sangha Pune's, Kaveri College of Arts, Science and Commerce

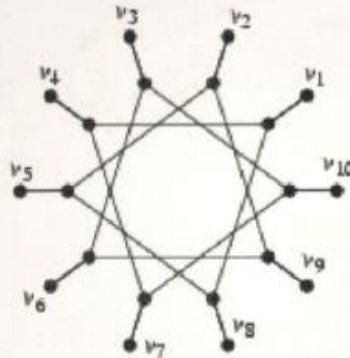
Vijayalakshmi Srinivas, Director, Progressive Education Society's Modern Institute of Business Management, Pune

Abstract: Value at Risk is a tool for analyzing the risk and volatility of a stock on the basis of the variability of returns. It is a measure that quantifies the level of financial risk. The pandemic has turned our lives upside down. Subsequently the Indian stock markets were not immune to this volatility. The



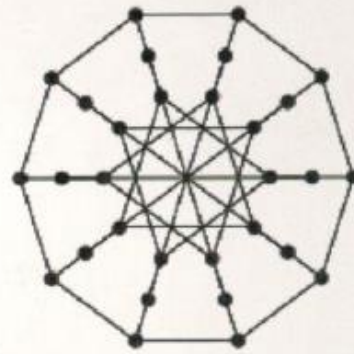
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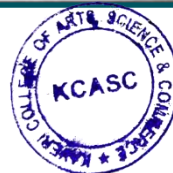
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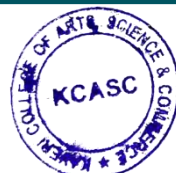
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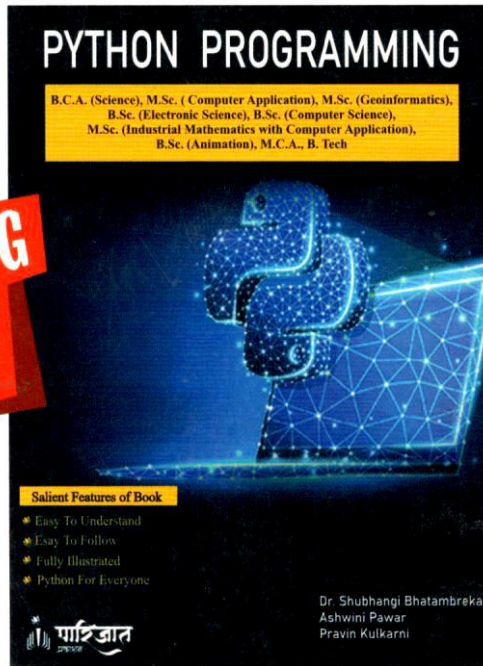
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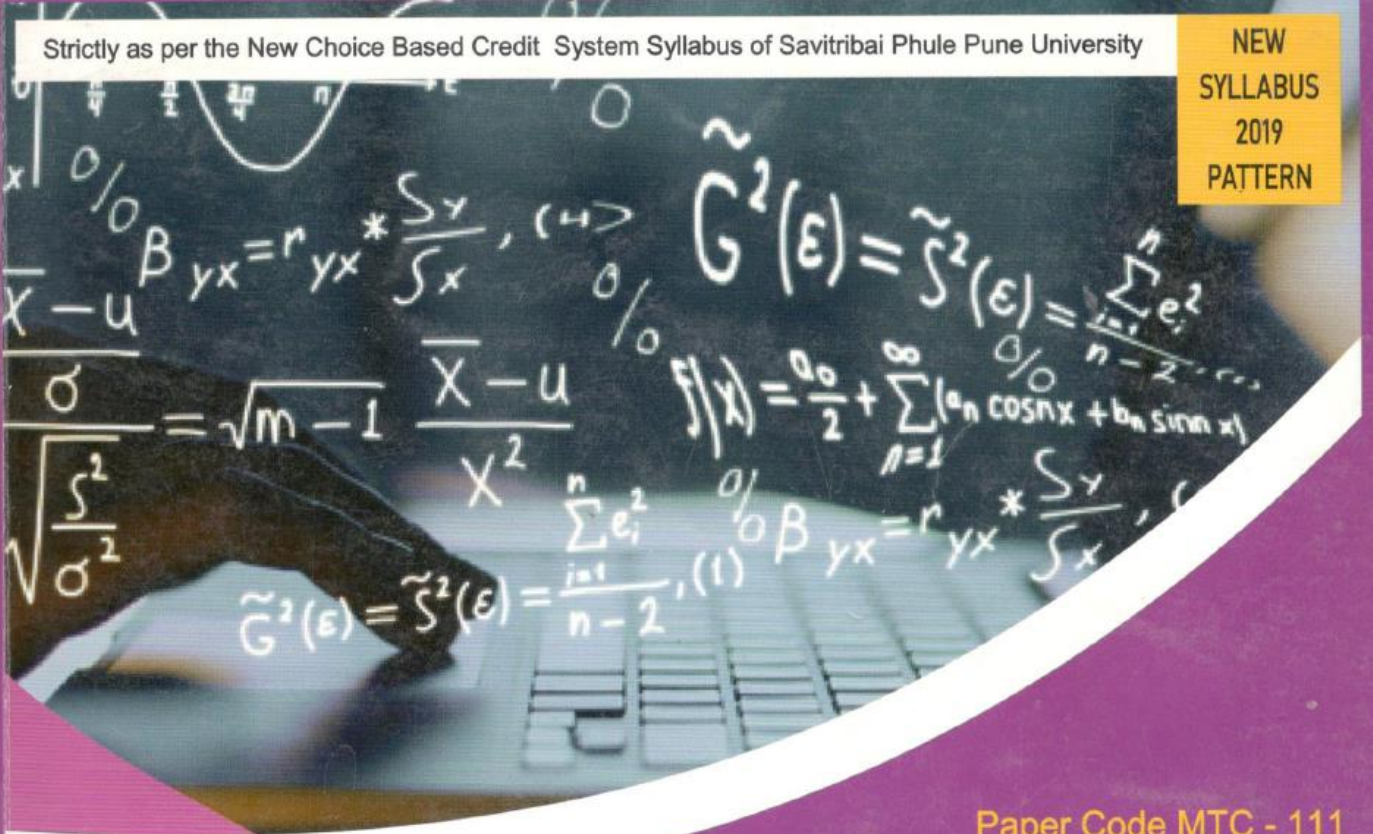
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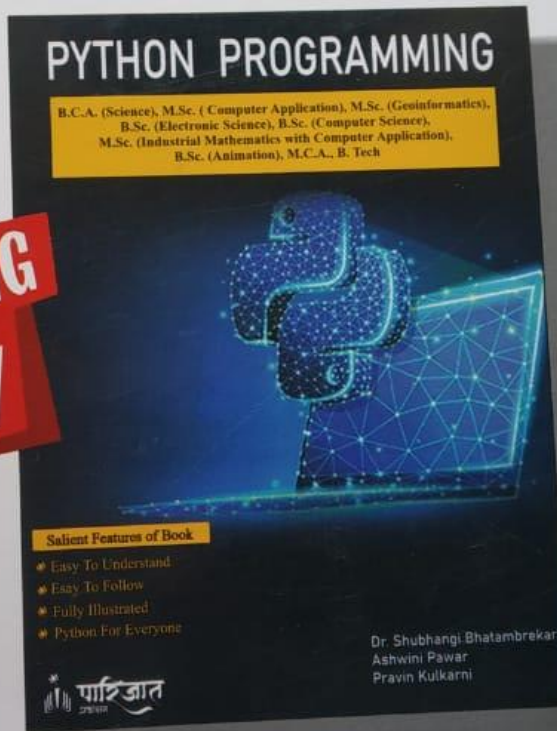
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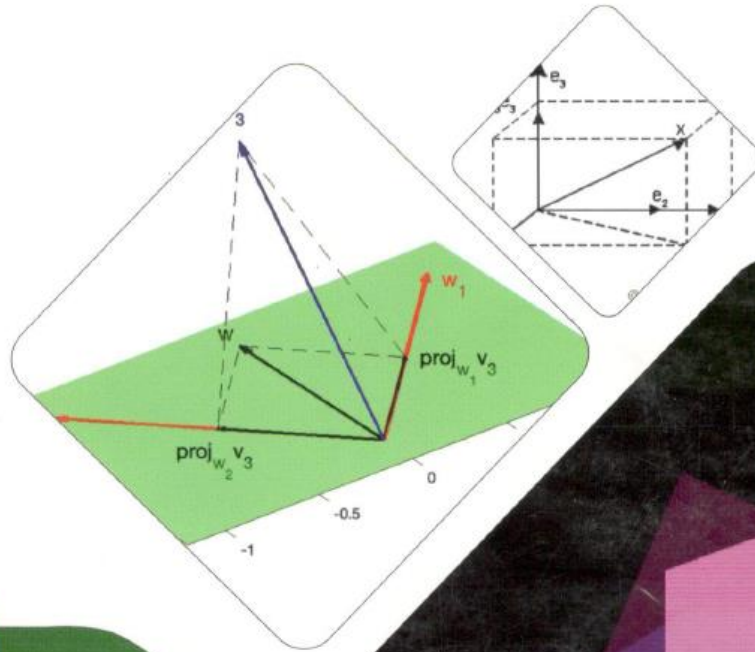
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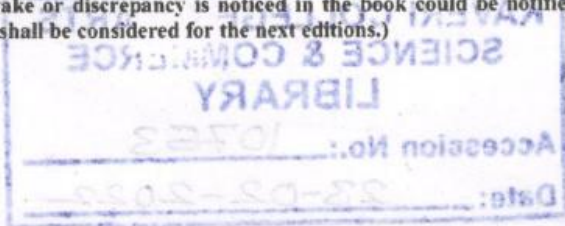
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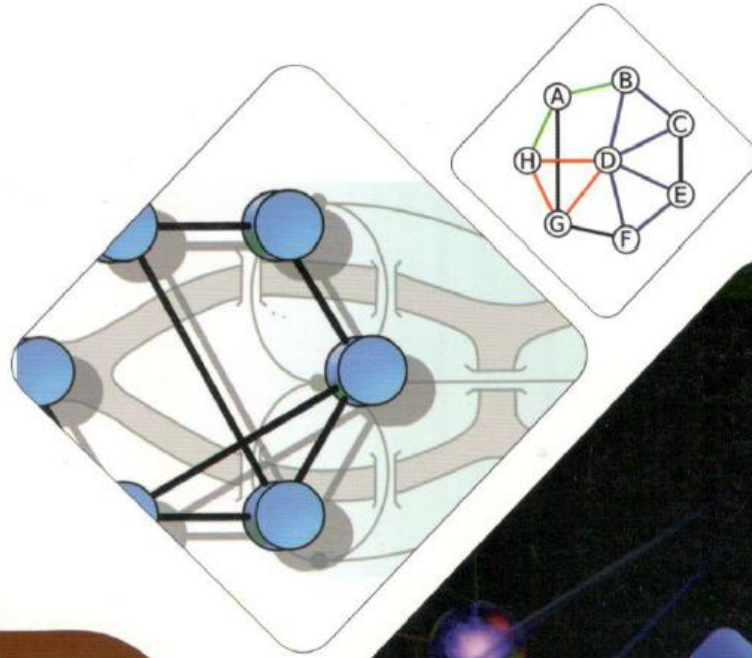
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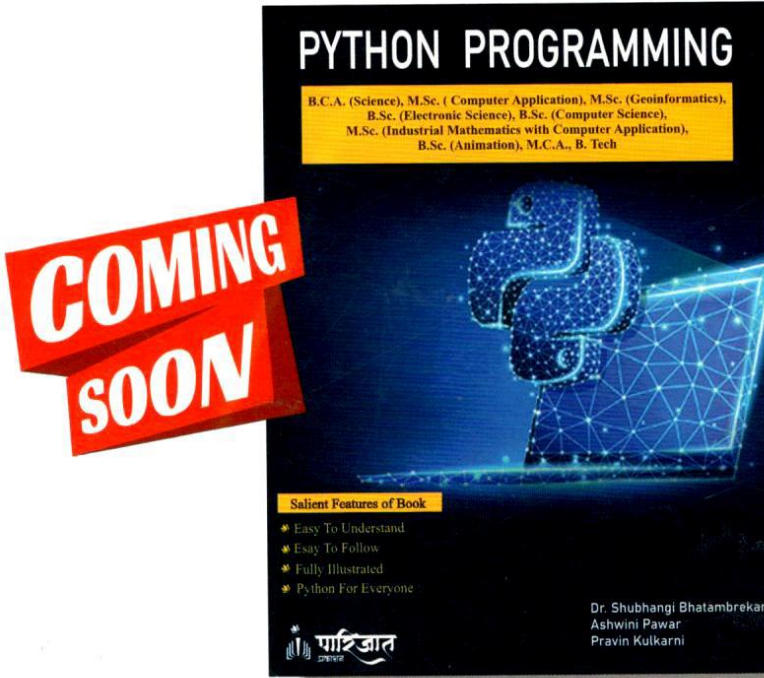
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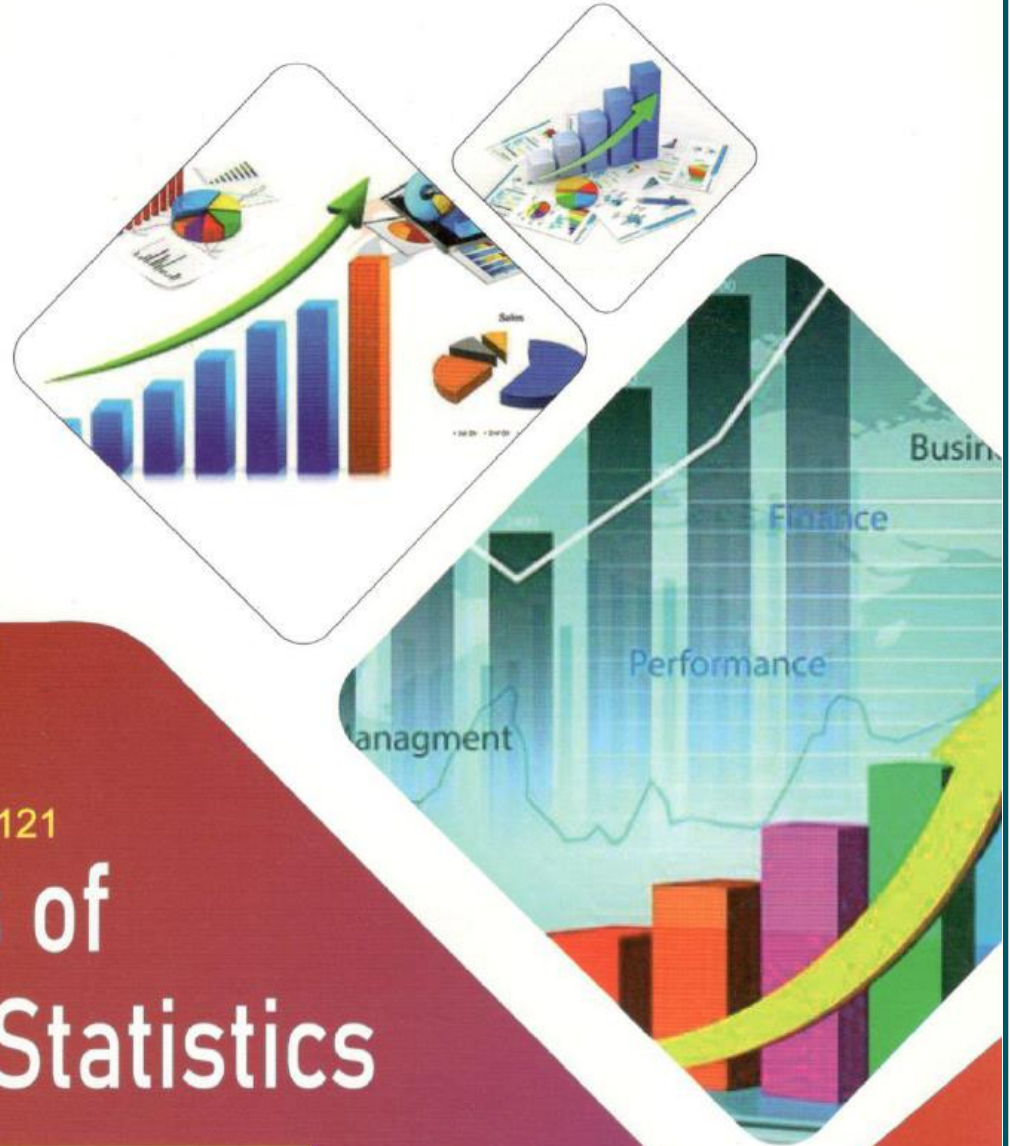


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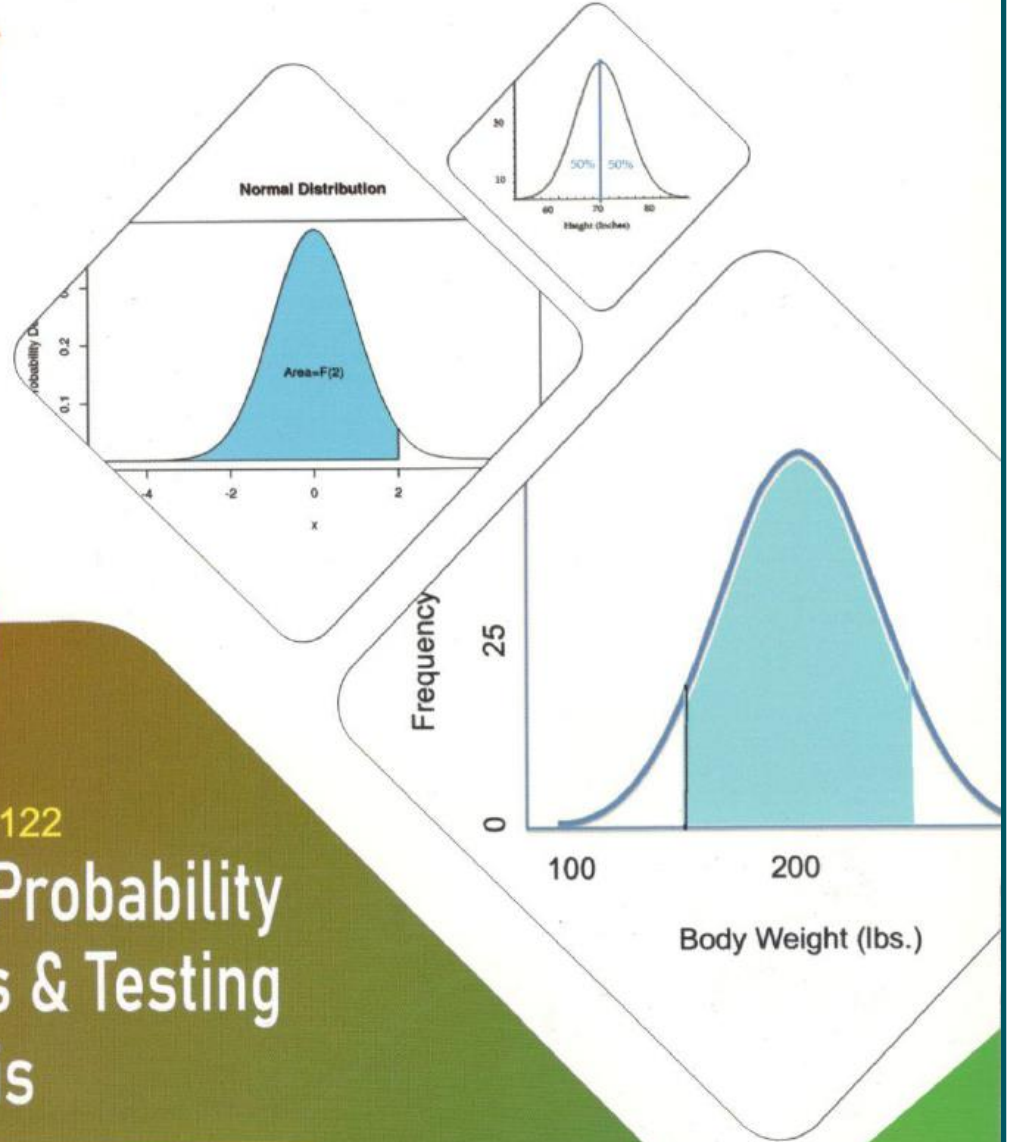


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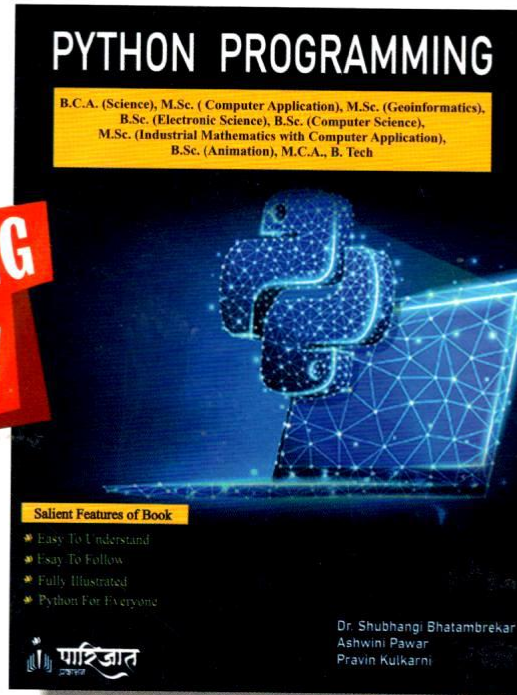


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