

## Books Published

S r . N o .	Na me of the auth ors	Title of the book/c hapter s publish ed	Year of publi catio n	IS BN nu mb er	Na me of the publ isher	Pa ge nos . for Bo ok cha pte r	Link
1	Dr. Neeta Kishor Dhane	TRADITIONAL AND DATA-DRIVEN PREDICTIVE STATISTICAL MODELS	2021		Lulu Publication		<a href="https://www.lulu.com/search?page=1&amp;q=neeta+dhane&amp;pageSize=10&amp;adult_audience_rating=00">https://www.lulu.com/search?page=1&amp;q=neeta+dhane&amp;pageSize=10&amp;adult_audience_rating=00</a>
2	Dr. Vaisali Vilasparil	Application of decision tree for developing accurate prediction models	2022	978-1-387-8580-4	Lulu Publication	256	<a href="https://acrobat.adobe.com/link/track?uri=urn:aaid:scds:US:680cd46b-1b11-4a1b-9cfe-0b63624147cb">https://acrobat.adobe.com/link/track?uri=urn:aaid:scds:US:680cd46b-1b11-4a1b-9cfe-0b63624147cb</a>
3	Ms. Anki	व्यावसायिक संशोधन	2022	978-93-	Vikas	40	

ta G. Des hmu kh	पद्धती आणि ऑपरेशन संशोधन	545 3- 929 -9	publi shing Hous e Pvt. Ltd.		
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**Documents:-**

About the Author




**Dr. Neeta Kishor Dhane**

Dr. Neeta Kishor Dhane is Assistant Professor of Statistics in Anant Education Society's, Talaram Chaturvedi College of Arts, Science and Commerce College, Baranasi, UP, India, affiliated to Lucknow Post Graduate University, Bareilly. Her total teaching experience is more than 15 years. She is M.Sc. and Ph.D. in Statistics. She has qualified NET. Her areas of interest are: Inference, Statistical Quality Control and Data Mining. She has participated in various workshops and FDPs and presented several papers in Seminars, Conferences at National and International levels. She has published more than 15 research papers in reputed Journals. She has completed one Minor Research Project under UGC scheme and one Minor Research Project under SCUD scheme. She is presently holding the responsibility as member of faculty in Statistics at the same college.

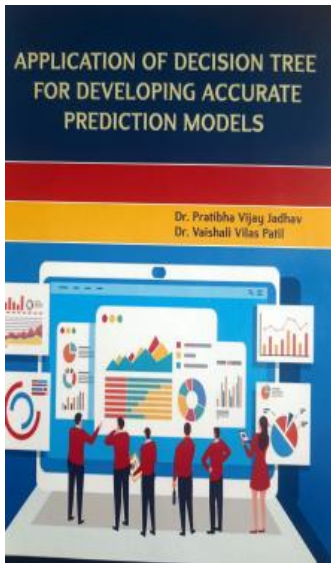
The book addresses the problem related to fitting regression models which should follow partitioning of the data into using some clustering like K, an unsupervised algorithm to order to obtain internally homogeneous subgroups, so that regression models will fit better to every subgroups. It is also proposed, and illustrated, in the book to use a generalized linear regression model in order to reduce the error sum of squares (ESS). The book makes a comprehensive treatment covering an analytical methodology in describing the theory with a complete clarity that is achieved only with a thorough understanding of the reasoning and justification behind the theory. It also uses illustrative examples that will help the reader to understand not only the theory, but also the operational methodology involved in these procedures. Overall, the book makes an honest and sincere attempt to compare four predictive methodologies that are popular and common, and hence must be understood clearly so that the most appropriate one can be chosen when faced with a real-life problem.

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**TRADITIONAL AND DATA-DRIVEN PREDICTIVE STATISTICAL MODELS**



**Dr. Neeta Kishor Dhane**



**About the Authors**



**Dr. Pratibha Vijay Jadhav**

Dr. Pratibha Vijay Jadhav has been serving as a Lecturer in various renowned Colleges Since 2007. Currently She is serving as an Assistant Professor in the Department of Applied Sciences and Humanities, School of Engineering in the prestigious MIT-WPU University, Pune, Maharashtra, Since 2018. She was awarded the Ph.D degree in "Application of Decision Tree for Developing Accurate Prediction Models" in 2021. She has published more than 5 research papers in several reputed Journals at National and International Level. She also published one book in computer application discipline which has been referred to for study in higher education. She has participated in various workshops and FDPs and presented different articles in Seminars / Conferences / Workshops etc. Data analysis has been her stronghold. She is well versed in using various languages like Python, R, SPSS, SAS. Teaching and Writing for academics & the masses. She wants to bring lasting changes in the field of data analysis and interpretation.



**Dr. Vaishali Vilas Patil**

Dr. Vaishali Vilas Patil is currently working as Assistant Professor in Tatyasaheb Chavan College, Barambhe, Pune. Her total experience is more than 18 year. She is M.Sc., M.Phil. and Ph.D. in Statistics. Her areas of interests are Design of Experiment, Statistical Quality Control, Sampling Techniques and Multivariate Analysis. She has published more than 15 research paper in several reputed Journals at National and International Level. She has participated in various workshops and FDPs and presented several papers in Seminars, Conferences at National and International levels.

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**Dr. Pratibha Vijay Jadhav  
 Dr. Vaishali Vilas Patil**

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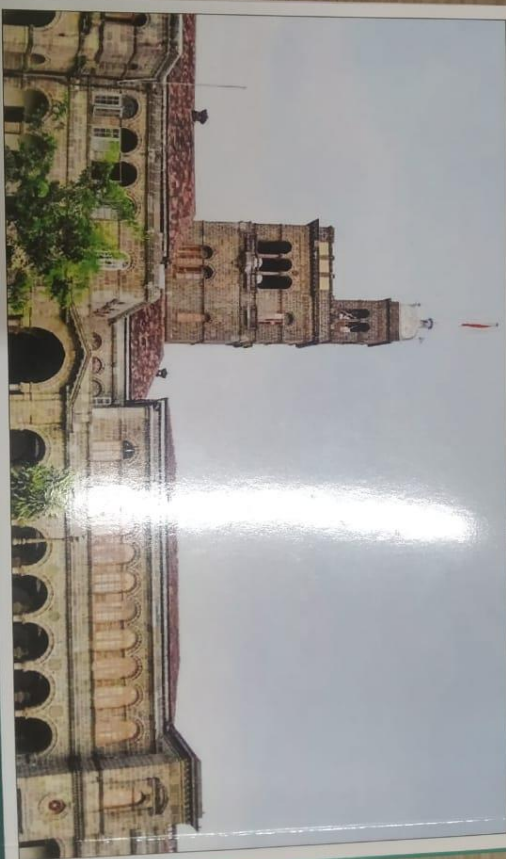
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