



Statistical Inference: Classical and Bayesian Inference

Shantilal R. Patel

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About the Book

This book is meant for BSc, BSc (Honors), and MSc students offer statistics as a primary subject. The book is very different from the existing books in many ways. Apart from regular topics covered in the Statistical Inference course, it also covers some of the author's research work. The book includes eleven chapters, out of which five chapters are on the theory of estimation, and the remaining are on testing of hypotheses. The purpose of this book is to give up-to-date exposition of Statistical Inference with less rigorous treatment on mathematics, giving realistic illustrations and simple proofs of the theorems so that the readers may easily digest it. The author's thirty-three years of teaching experience in postgraduate and refreshers courses programs enhanced the book's quality to a new level to have fresh expertise in statistics.

Salient Features

This book has covered both Theory of Estimation and Testing of Hypotheses. Include numerous solve examples to understand the underlying theories. At the end of each chapter exercises are given so that students can improve themselves by solving these exercises. Simple proof of the results with implications and remarks are given.

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About the Author

Shantilal R. Patel :- Ph.D. Professor and Head (Retired, 1992), Sardar Patel University, Vallabh Vidyanagar (Gujarat). He initiated the Department of Statistics at the university in 1961 with only one faculty. Earlier, he has served as a lecturer at V. P. Sc. College, affiliated to S. P. University. He has 33 years of teaching experience. He had been teaching "Statistical Inference" since 1961 and published more than 55 research articles on the same subject in national and international journals of repute.