**Title of the book**

Machine Learning

**Author:**

Dr. BJD Kalyani

B. Rupa Devi

Mary Teresa

Dr. A. Suresh

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**About the Book**

Welcome to the world of "Machine Learning." This book serves as your gateway into a transformative field where computers learn from data to make predictions and uncover patterns. Whether you're a student, professional, or simply curious, this book offers an accessible introduction to the fundamentals and applications of machine learning.

# Cover Page

Dr. BJD Kalyani is an academician specializing in Artificial Intelligence, Cloud Computing, Software Engineering, and data analytics. She has proven her experience in guiding students at Undergraduate and Postgraduate levels in their academics, research projects, and research papers. She has 25 publications in Journals and Conferences at the National and International level. Her research work was published in Elsevier, Springer, IEEE, SCOPUS, etc. She is working as an Associate Professor in the Computer Science and Engineering department at the Institute of Aeronautical Engineering. She is Awarded a doctorate from Acharya Nagarjuna University, Guntur, in Cloud computing. She has six years of industry and 16 years of teaching experience. She guided 8 PG projects and 20 UG projects. Her research areas of interest are Cloud Computing, Data Analytics, Business Intelligence, Software engineering, and Database management Systems. She has contributed her learning and work experience in shaping and igniting the students, research scholars' life, and society in all possible Aventis.

B. Rupa Devi, Associate Professor in Dept of CSE and, at present, heading the Department of Master of Computer Applications in AITS, Tirupati. She is pursuing her PhD in the Dept of CSE, SVUCE, SVU, Tirupati, under the guidance of Dr Ch D V Subba Rao. Her specialization fields are Data Mining, Machine Learning, and Data Analytics. She has published in 15 International Journals. She was ratified as an Associate Professor by JNTUA, Anantapuramu in 2010. She has 20 years of teaching experience.

Mary Teresa is currently working as an Assistant Professor at the Department of Computer Science and Engineering, Guru Nanak Institutions Technical Campus, Hyderabad. She completed B.Tech degree from Christu Jyoti Institute of Technology and Sciences, JNTUH, and M.Tech from Christu Jyoti Institute of Technology and Science, JNTUH. Her research interests include Image Processing and Machine Learning.

Dr.A.SURESH has 8+ years of Academic experience at the Siddharth Institute of Engineering & Technology and 5+ years of research experience. He has done his B.E. in CSE from GRT Institute of Engineering and Technology, affiliated with Anna University, and M.Tech in CSE from Seshachala Institute of Engineering and Technology, affiliated with JNTUA.He has completed his Ph.D. in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi Chennai. His research includes Big Data Analytics, Data Mining, Recommendation Systems, Machine Learning, and Artificial Intelligence.

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