About the Book

The core idea of this book entitled "Machine Learning using Google Colab - for Chemistry & Biochemistry Applications" is to lay a foundation or stepping stone to explain the algorithmic approach for solving chemistry & biochemistry oriented research problems at the practical level. It explains various kinds of concepts, such as, classification, pre-processing techniques, datasets, packages, library files, data repository, clustering, prediction, coding, data visualization, analysis, forms, commands and case studies. The scope of this book covers a broad spectrum of people including faculty members, researchers, research scholars, students, and programmers to gain knowledge about how machine learning codes are written to construct a model for solving real-time complex problems. The entire source codes utilized in this book are available on GitHub. URL links and QR codes available to access those codes are given at the end of respective chapters.

Authors Profile

Prof. P. Subashini is working for Department of Computer Science, Avinashilingam University for Women, Tamil Nadu India, from 1994. She is the coordinator of the Centre for Machine Learning and Intelligence sanctioned by Department of Science and Technology. Her research has spanned a large number of disciplines like Image analysis, Pattern recognition, Neural networks, and Computational Intelligence. She has authored and co-authored 7 Books, 9 Book chapters, 1 Monograph, 194 research papers both at international and national levels. she received 15 sponsored research projects worth more than 5.12 crores from various government funding agencies. She also extended her contribution towards various international collaborations with universities from USA, Germany and Morocco.

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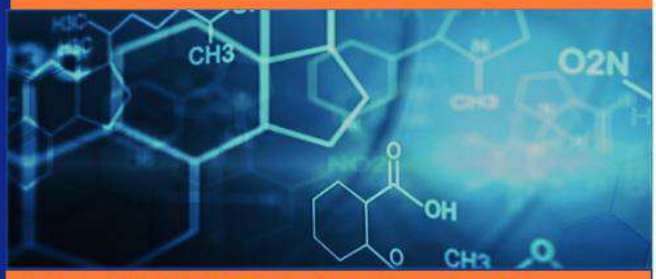
Price Rs 950.00
ISBN 979-88893139963

MACHINE LEARNING USING GOOGLE COLAB Prof. P. Subashini



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- for Chemistry & Biochemistry Applications

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