Public Review: *Introduction to Data Science using Python* by Afrand Agah

This textbook provides a foundation for beginning computer science students who want to pursue a career in Data Science. The book is organized clearly and offers a variety of exercises with their solution, from variables to graph construction for Data Science. The presentation and example problem are directly related to what is covered in a lecture and include understanding essential practical techniques and applications. The presentation and examples will increase their interest in Computer and Data Sciences. The explanations are clear, easy to follow, and logical.

The book builds a foundation on Python programming language for those who would like to take the Machine Learning field and advance their knowledge in Data Science. In addition to various real-world programming examples, the book provides a simple-to-understand and self-paced approach for students wanting to further their Data Science knowledge. It also offers many resources for students to further their research in computer science. Since Computer Science and Engineering are fast-paced sciences and new technologies are introduced, the book also includes content to help students with lifelong learning.

Reviewer Bio

Mehran Asadi, Ph.D., is a Full Professor at Lincoln University, PA's Department of Business and Entrepreneurial Studies and has served as the interim chair of the department. He obtained his Ph.D. in Computer Science from the University of Texas at Arlington and has research interests in machine learning, hierarchical reinforcement learning, and security in mobile ad-hoc networks and online social networks. Dr. Asadi has presented his work at various national and international conferences and has received several grants, including those from Hewlett Packard and the National Science Foundation. He has served as director of the Center of Excellence for Information Assurance and as director of Internship in Computer Science at West Chester University, where he was previously an Assistant Professor. Additionally, Dr. Asadi has been a program committee member and reviewer for multiple conferences and journals and received the Outstanding Achievement Award for advancing computer and information science education in 2018.