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Editors:

Editor: Dr. G. Arockia Sahaya Sheela

Editor-in-Chiefs:

Dr. B. Vani, Ms. S. Jeremy Madonna, Ms. M. Sukanya

Introduction:

The Department of Data Science at is pleased to announce the publication of a significant academic contribution, "Research Areas in Data Analytics and Security." This book serves as a comprehensive compilation of the research projects conducted by students enrolled in the Postgraduate program in Data Science. Under the editorial guidance of Dr. G. Arockia Sahaya Sheela, and the diligent oversight of the Editor-in-Chiefs, Dr. B. Vani, Ms. S. Jeremy Madonna, and Ms. M. Sukanya, this publication embodies the collaborative efforts and scholarly pursuits of our students and faculty.

Book Overview:

"Research Areas in Data Analytics and Security" delves into various facets of data analytics and security, exploring emerging trends, innovative methodologies, and practical applications. This collection encapsulates a diverse range of topics, including but not limited to machine learning, artificial intelligence, cybersecurity, data privacy, and predictive analytics. Each chapter encapsulates rigorous research findings, insightful analyses, and potential implications for the field of data science.

Contributors:

The book features contributions from the dynamic cohort of students enrolled in the PG Department of Data Science. Their dedication, intellectual curiosity, and analytical prowess have culminated in a publication that enriches the academic discourse surrounding data analytics and security.

Research Areas in
Data Analytics and Security

EDITOR IN CHIEF :

DR. G. AROCKIA SAHAYA SHEELA

EDITORS :

DR. B. VANI, MS. S. JEREMY MADONNA, MS. M. SUKANYA

PG DEPARTMENT OF DATA SCIENCE

HOLY CROSS COLLEGE (AUTONOMOUS)

Affiliated to Bharathidasan University

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College with Potential for Excellence

Tiruchirappalli–620 002, Tamil Nadu, India.

Editorial Team:

Dr. G. Arockia Sahaya Sheela, serving as the Editor, has played a pivotal role in shaping the content and ensuring the academic rigor of each chapter. Her expertise in data science and her commitment to scholarly excellence have been instrumental in the success of this publication. The Editor-in-Chiefs, Dr. B. Vani, Ms. S. Jeremy Madonna, and Ms. M. Sukanya, have provided invaluable guidance and oversight throughout the editorial process, ensuring the coherence and quality of the final product.

Conclusion:

"Research Areas in Data Analytics and Security" stands as a testament to the scholarly achievements and intellectual vitality of the PG Department of Data Science . It represents a collaborative endeavor to advance knowledge and understanding in the burgeoning field of data science. With its rich insights and innovative research findings, this publication is poised to make a significant impact on academia and industry alike.

Acknowledgments:

The Department of Data Science extends its heartfelt appreciation to all the contributors, editors, and supporters who have contributed to the realization of this publication. Special thanks are due to Dr. G. Arockia Sahaya Sheela, Dr. B. Vani, Ms. S. Jeremy Madonna, and Ms. M. Sukanya for their unwavering commitment and leadership.