



Jagan Institute of Management Studies

3, Institutional Area, Sector-5, Rohini, Delhi-110085

Details of Book/Chapter published

Annexure IV-E



Jagan Institute of Management Studies

List of Book Chapters 2022-23

S.No	Faculty Name	Book Title	Topic of the Book Chapter	Publisher	ISBN/ISSN	Month and Year of publication	DOI Number
1	Dr. Chetna Laroiya	Next Generation Communication Networks for Industrial Internet of Things Systems	Secure communication in Internet of Things devices using steganography	Taylor and Francis Group	9781003355946	Dec-22	https://doi.org/10.1201/9781003355946
2	Dr. Manjot Kaur Bhatia	Next Generation Communication Networks for Industrial Internet of Things Systems	Secure communication in Internet of Things devices using steganography	Taylor and Francis Group	9781003355946	Dec-22	https://doi.org/10.1201/9781003355946
3	Dr. Deepti Chopra	Flutter and Dart Up and Running		BPB Publication	978-9355513816	Feb-23	https://www.amazon.in/FIutter-Dart-Dr-Deepti-Chopra/dp/935551381X
4	Dr. Deepti Chopra	Introduction to Machine Learning with Python		Bentham Books	978-981-5124-42-2	Feb-23	DOI:10.2174/97898151244221230101
5	Mr. J. P. Singh	Applied Mathematics		Anne Bookd Pvt. Ltd.	9789394883116	Feb-23	http://www.anebooks.com/bookdetails.asp?id=2359
6	Dr. Praveen Arora	Recent Progress in Science and Technology	Generalized Association Rules for Er Models By Using Mining Operations on Fuzzy Datasets	BP International	978-81-19102-35-8	Feb-23	https://www.bookpi.org/bookstore/product/recent-progress-in-science-and-technology-vol-6/

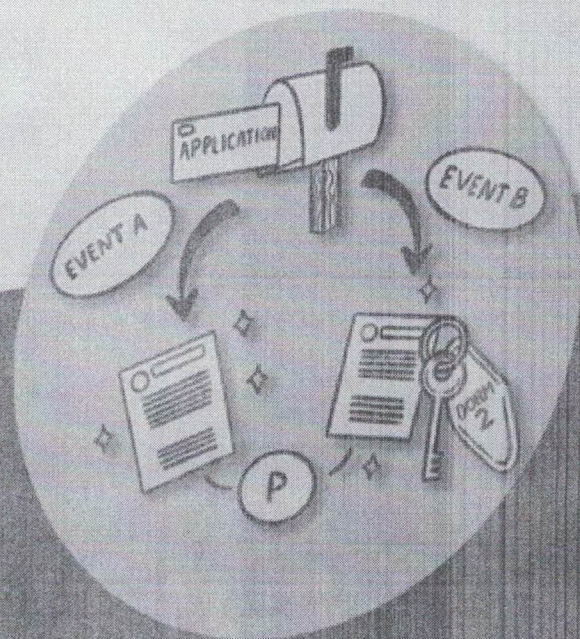


7	Dr. Deepti Chopra	Recent Progress in Science and Technology	Generalized Association Rules for Er Models By Using Mining Operations on Fuzzy Datasets	BP International	978-81-19102-35-8	Feb-23	https://www.bookpi.org/bookstore/product/recent-progress-in-science-and-technology-vol-6/
8	Dr. Praveen Arora	Research Highlights in Disease and health Research	Mining Rules for Head Injury Patients using Fuzzy Taxonomic Structures	BP International	978-81-19102-82-2	Mar-23	https://doi.org/10.9734/bpi/rhdhr/v5/6007A
9	Dr. Praveen Arora	Research Highlights in Disease and health Research	Fuzzy Logic Based Medical Decision System for Diagnosing Chronic Obstructive Pulmonary Disease	BP International	ISBN: 978-81-19217-68-7	Mar-23	http://dx.doi.org/10.9734/bpi/rhdhr/v7/19031D
10	Dr. Sonal Pahwa	Rural Development in Contemporary India	Rural Development through Digital Educaiton: Indian Perspective	NA	NA	Jul-22	ISBN: 978-93-92108-07-5
11	Dr. Priyanka Gandhi	Rural Development in Contemporary India	Rural Development through Digital Educaiton: Indian Perspective	NA	NA	Jul-22	
12	Dr. Sonia Dhir	BRI and internationalization of higher education	Impact of International Recessionary Phases on Developing Economies with Special Reference to South Asia	NA	NA	Dec-22	
13	Ms. Deepali Ratra	Blockchain Technology in Supply Chain Management for Society 5.0	Evaluating the Barriers of Adoption of Society 5.0 by Emerging Economies			Dec-22	ISBN: 9781003177432
14	Dr. Parminder Bajaj	Possibilities and Breakthroughs - Reinventing Management	A Holistic Approach for Developing and Analyzing EdTech Courses		HARD COPY	Mar-23	978-93-56402-48-5



Applied
Mathematics

Applied Mathematics



J.P. Singh

J.P. Singh

About the Book



This book has been designed to provide an introduction to Applied Mathematics and is intended to be used by undergraduates in Mathematics, Computer applications and Engineering students of all Indian Universities. The present work is a by-product of my long association with teaching Applied Mathematics at various I.T. and Engineering institutes of Guru Gobind Singh Indraprastha University, Delhi. This book contains numerous examples that illustrate the basic as well as high level concepts of the concerned topics. Different concepts have been explained in a very lucid language with the help of various solved examples that would help the students to understand the subject matter without further reference. The solved problems are interspersed throughout the text at places where they naturally arise, making the book ideal for self-study.

Contents

Elementary concepts 1. Probability-I 2. Probability-II 3. Random Variable and Mathematical Expectations 4. Discrete Probability Distributions 5. Normal Distribution 6. Finite difference 7. Interpolation 8. Solution of Algebraic and Transcendental equations 9. Solution of linear Simultaneous equations 10. Numerical Differentiation and Integration 11. Linear Programming: Formulation 12. Linear Programming: Graphical Method 13. The Simplex Method 14. Transportation Problem 15. Assignment Problem

About the Author

JP Singh is Professor in the Department of Mathematics at Jagan Institute of Management Studies (Affiliated to GGSIP University), Delhi. He has over 22 years of teaching experience in Operations Research, Discrete Mathematics, Numerical Methods, Mathematical Statistics and Calculus. He has taught at various affiliated institutes of GGSIPU. He has undergone rigorous training from IIT Delhi in Financial Mathematics. He is a certified Six Sigma Green belt from Indian Statistical Institute, Delhi. He is a lifetime member of the Indian Mathematical Society and Ramanujan Mathematical Society. His areas of interest include Operations Research, Mathematical Statistics, Stochastic Process, Numerical Methods, Number Theory, Discrete Mathematics and Theory of Computation.

Author	J.P. Singh
Imprint	Ane Books Pvt. Ltd.
ISBN	9789394883116
Published On	2023
Cover Price	Rs 2,495.00
Cover	Hardbound
No. of pages	604
Size	6.25" X 9.50"
Buy Online	

Post Reviews

View Reviews

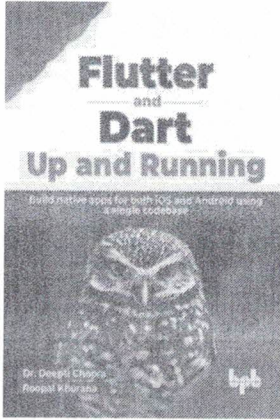
Add to Cart

Close Window



Books > Computers & Internet > Programming & Software Development

Sponsored



Flutter & Dart: Up & Running: Build native apps for both iOS and Android using a single codebase

Paperback – 30 April 2023

by Deepti Chopra (Author), Roopal Khurana (Author)

3.7 5 ratings See all formats and editions

Kindle Edition
₹522.50

Paperback
₹550.00

Read with Our Free App 9 New from ₹550.00

Save Extra with 2 offers

Bank Offer: 5% Instant Discount up to INR 300 on Canara Bank Master Card Debit Card Non-EMI Trxns. Min purchase value INR 2000

Partner Offers: Get GST invoice and save up to 28% on business purchases. Sign up for free |Details

- Free Delivery
- Pay on Delivery
- 10 days Replacement
- Amazon Delivered
- Secure transaction

Design and deploy cross-platform apps with Flutter and Dart

Description

Flutter and Dart are quickly becoming the go-to tools for building scalable native mobile apps. Whether you're a beginner looking to get started with mobile development or an experienced developer looking to

Read more

ISBN-10	ISBN-13	Publication date
935551381X	978-9355513816	30 April 2023

Frequently bought together



+



Total price: ₹1,234.50

Add both to Cart

These items are dispatched from and sold by different sellers. Show details

This item: Flutter & Dart: Up & Running: Build native apps for both iOS and Android using a...
₹550⁰⁰

Building Cross-Platform Apps with Flutter and Dart: Build scalable apps for Android, iOS,...
₹684⁵⁰

Buy new: ₹550.00
M.R.P.: ₹699.00
Save: ₹149.00 (21%)
Inclusive of all taxes

FREE delivery **Sunday, 3 December.**
Details

Delivering to Delhi 110001 - Update location

In stock

Sold by Epitome Books and Fulfilled by Amazon.

Quantity: 1

Add to Cart

Buy Now

Secure transaction

Add gift options

Add to Wish List

New (9) from ₹550⁰⁰ Fulfilled FREE Delivery.

Sponsored

Other Sellers on Amazon

₹611.00 Add to Cart

Fulfilled FREE Delivery. Details

Sold by: Cocoblu Retail

₹681.00 Add to Cart

+ ₹2.22 Delivery charge

Sold by: Sunrise Book store

₹629.00 Add to Cart

Fulfilled FREE Delivery. Details

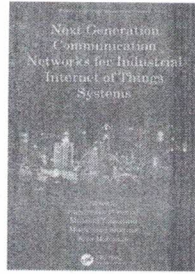
Sold by: BOOKNETZ

Products related to this item

Sponsored



Book



Next Generation Communication Networks for Industrial Internet of Things Systems

Edited By Sundresan Perumal ([/search?contributorName=Sundresan Perumal&contributorRole=editor&redirectFromPDP=true&context=ubx](/search?contributorName=Sundresan+Perumal&contributorRole=editor&redirectFromPDP=true&context=ubx)), Mujahid Tabassum ([/search?contributorName=Mujahid Tabassum&contributorRole=editor&redirectFromPDP=true&context=ubx](/search?contributorName=Mujahid+Tabassum&contributorRole=editor&redirectFromPDP=true&context=ubx)), Moolchand Sharma ([/search?contributorName=Moolchand Sharma&contributorRole=editor&redirectFromPDP=true&context=ubx](/search?contributorName=Moolchand+Sharma&contributorRole=editor&redirectFromPDP=true&context=ubx)), Saju Mohanan ([/search?contributorName=Saju Mohanan&contributorRole=editor&redirectFromPDP=true&context=ubx](/search?contributorName=Saju+Mohanand&contributorRole=editor&redirectFromPDP=true&context=ubx))

Edition	1st Edition
First Published	2022
eBook Published	16 December 2022
Pub. Location	Boca Raton
Imprint	CRC Press
DOI	https://doi.org/10.1201/9781003355946 (https://doi.org/10.1201/9781003355946)
Pages	240
eBook ISBN	9781003355946
Subjects	Computer Science, Engineering & Technology

 Share

 Citation

ABSTRACT

TABLE OF CONTENTS



(<https://www.taylorfrancis.com>)

Policies



ngs devices using steganography

etna Laroiya

GET ACCESS

wireless connectivity brought the
. Lots of devices are capable of
through the internet cloud, which
known as Internet of Things (IoT). An
mitted over the IoT domain. In this
it concern. This paper proposes a
y and steganography are
ding the data over the Internet
lgorithm. The second level of
using steganography where the
ding the encrypted data. The
th the proposed steganography
y, as enough data bits could be
ble change to image quality, which

ologies

Bhardwaj, Simar Preet Singh

GET ACCESS



See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/369103745>

Generalized Association Rules for ER Models by Using Mining Operations on Fuzzy Datasets

Chapter · March 2023

DOI: 10.9734/bpi/rpst/v6/5539A

CITATIONS

4

READS

98

3 authors, including:



Praveen Arora

15 PUBLICATIONS 36 CITATIONS

SEE PROFILE



Deepti Chopra

Vivekananda Institute Of Professional Studies

38 PUBLICATIONS 401 CITATIONS

SEE PROFILE



All content following this page was uploaded by Praveen Arora on 11 March 2023.

The user has requested enhancement of the downloaded file.

Generalized Association Rules for ER Models by Using Mining Operations on Fuzzy Datasets

Praveen Arora ^{a*}, Sanjive Saxena ^a and Deepti Chopra ^a

DOI: 10.9734/bpi/rpst/v6/5539A

ABSTRACT

Today the business world is functioning in an ultra-competitive environment. However, the business units have realized that the key to survival and sustainability of the utilization of the data set which is obtained from various business processes. In other words, it means that the competitiveness is achieved by means of processing the dataset and ensuring that the trends and patterns provide insight into the decision making process. However, decision making is complex and complicated as several factors need to be taken into consideration. These factors give rise to the concept of the fuzzy datasets. The fuzzy datasets further narrow down the scope of the trends and patterns so that near accurate decisions can be obtained.

The paper seeks to address the issues of the fuzzy datasets in terms of bringing in maturity in the decision making process by ensuring that the association rule mining processes are able to bring in more accuracy and precision in the decision making procedures. Further, the paper seeks to address the issues of the entity relationship modelling that exists in the database tables and the means and mechanism deployed to overcome the issues and challenges posed by ER modelling. The proposed study aims to extend the existing algorithms comprising of Extended Apriori and Apriori star to determine a new algorithm. The contribution of the study results in an attempt to standardize algorithms for finding the most appropriate result from tables comprising of fuzzy data.

Keywords: Association rule mining; data warehousing; E-R modeling; fuzzy item sets.

1. INTRODUCTION

Data mining is the process of arriving knowledge from large data. This is done by means of trends and patterns by using algorithms so that they can be applied in various applications of business processes. Data mining techniques are implemented on existing software running on various hardware platforms to

^a Jagan Institute of Management Studies, New Delhi, India.

*Corresponding author: E-mail: praveen@jimsindia.org

