

Collaborative Filtering With Apache Mahout Researchgate

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COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE BOOK RECAP

Are you seeking a thorough Collaborative Filtering With Apache Mahout Researchgate recap that checks out the significant themes, characters, and crucial story points of a beloved composition? Look no more! In this write-up, we will certainly supply an in-depth evaluation of this publication, examining its literary capacity via personality evaluation, thematic expedition, and a close exam of the author's creating style and language options. Our aim is to provide viewers with a deep understanding and appreciation of this publication, permitting them to totally immerse themselves in its narrative. So, sit back, kick back, and allow's study this Collaborative Filtering With Apache Mahout Researchgate recap together.

SIGNIFICANT THEMES OF COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

As we dive deeper into our publication summary, we can see that the major styles explored in this Collaborative Filtering With Apache Mahout Researchgate publication are vital to understanding its narrative. The book discovers themes such as love, loss, power, and self-discovery, which are all interwoven to develop a complicated and multilayered tale.

LOVE AND LOSS

The motif of love and loss is prevalent throughout guide Collaborative Filtering With Apache Mahout Researchgate, with characters experiencing both the pleasures and discomforts of romantic relationships. The book discovers the concept of real love and exactly how it can withstand even in the most tough of situations. We see personalities facing this theme, making sacrifices and facing tough choices in the name of love.

POWER AND CONTROL

An additional considerable theme in Collaborative Filtering With Apache Mahout Researchgate is power and control. Guide explores how people strive for power and just how it can corrupt them. We see characters making use of power to manipulate and regulate others, resulting in conflict and disaster. This theme emphasizes the value of using power carefully and recognizing its repercussions.

Hadoop For Dummies Packt Publishing Ltd

This two-volume set (CCIS 955 and CCIS 956) constitutes the refereed proceedings of the Second International Conference on Advanced Informatics for Computing Research, ICAICR 2018, held in Shimla, India, in July 2018. The 122 revised full papers presented were carefully reviewed and selected from 427 submissions. The papers are organized in topical sections on computing methodologies; hardware; information systems; networks; security and privacy; computing methodologies.

Advanced Informatics for Computing Research Springer Nature

Apache Mahout Essentials Packt Publishing Ltd

Machine Learning in Java eBook Partnership

Summary Mahout in Action is a hands-on introduction to machine learning with Apache Mahout. Following real-world examples, the book presents practical use cases and then illustrates how Mahout can be applied to solve them. Includes a free audio- and video-enhanced ebook. About the Technology A computer system that learns and adapts as it collects data can be really powerful. Mahout, Apache's open source machine learning project, captures the core algorithms of recommendation systems, classification, and clustering in ready-to-use, scalable libraries. With Mahout, you can immediately apply to your own projects the machine learning techniques that drive Amazon, Netflix, and others. About this Book This book covers machine learning using Apache Mahout. Based on experience with real-world applications, it introduces practical use cases and illustrates how Mahout can be applied to solve them. It places particular focus on issues of scalability and how to apply these techniques against large data sets using the Apache Hadoop framework. This book is written for developers familiar with Java -- no prior experience with Mahout is assumed. Owners of a Manning eBook purchased anywhere in the world can download a free eBook from manning.com at any time. They can do so multiple times and in any or all formats available (PDF, ePub or Kindle). To do so, customers must register their printed copy on Manning's site by creating a user account and then following instructions printed on the eBook registration insert at the front of the book. What's Inside Use group data to make individual recommendations Find logical clusters within your data Filter and refine with on-the-fly classification Free audio and video extras Table of Contents Meet Apache Mahout PART 1 RECOMMENDATIONS Introducing recommenders Representing recommender data Making recommendations Taking recommenders to production Distributing recommendation computations PART 2 CLUSTERING Introduction to clustering Representing data Clustering algorithms in Mahout Evaluating and improving clustering quality Taking clustering to production Real-world applications of clustering PART 3 CLASSIFICATION Introduction to classification Training a classifier Evaluating and tuning a classifier Deploying a classifier Case study: Shop It To Me

Ubiquitous Computing and Ambient Intelligence. Sensing, Processing, and Using Environmental Information Apache Mahout Essentials

This book constitutes the proceedings of the 14th International Conference on Service-Oriented Computing, ICSOC 2016, held in Banff, AB, Canada, in October 2016. The 30 full papers presented together with 18 short papers and 8 industrial papers in this volume were carefully reviewed and selected from 137 submissions. The selected papers covered important topics in the area of service-oriented computing, including foundational issues on service discovery and service-systems design, business process modelling and management, economics of service-systems engineering, as well as services on the cloud, social networks, the Internet of Things (IoT), and data analytics.

Real-Time Applications with Storm, Spark, and More Hadoop Alternatives Packt Publishing Ltd

This book presents the 2nd International Conference on Artificial Intelligence and Computer Visions (AICV 2021) proceeding, which took place in Settat, Morocco, from June 28- to 30, 2021. AICV 2021 is organized by the Scientific Research Group in Egypt (SRGE) and the Computer, Networks, Mobility and Modeling Laboratory (IR2M), Hassan 1st University, Faculty of Sciences Techniques, Settat, Morocco. This international conference highlighted essential research and developments in the fields

of artificial intelligence and computer visions. The book is divided into sections, covering the following topics: Deep Learning and Applications; Smart Grid, Internet of Things, and Mobil Applications; Machine Learning and Metaheuristics Optimization; Business Intelligence and Applications; Machine Vision, Robotics, and Speech Recognition; Advanced Machine Learning Technologies; Big Data, Digital Transformation, AI and Network Analysis; Cybersecurity; Feature Selection, Classification, and Applications.

Game AI Pro 3 CRC Press

Leverage the power of Java and its associated machine learning libraries to build powerful predictive models Key Features Solve predictive modeling problems using the most popular machine learning Java libraries Explore data processing, machine learning, and NLP concepts using JavaML, WEKA, MALLET libraries Practical examples, tips, and tricks to help you understand applied machine learning in Java Book Description As the amount of data in the world continues to grow at an almost incomprehensible rate, being able to understand and process data is becoming a key differentiator for competitive organizations. Machine learning applications are everywhere, from self-driving cars, spam detection, document search, and trading strategies, to speech recognition. This makes machine learning well-suited to the present-day era of big data and Data Science. The main challenge is how to transform data into actionable knowledge. Machine Learning in Java will provide you with the techniques and tools you need. You will start by learning how to apply machine learning methods to a variety of common tasks including classification, prediction, forecasting, market basket analysis, and clustering. The code in this book works for JDK 8 and above, the code is tested on JDK 11. Moving on, you will discover how to detect anomalies and fraud, and ways to perform activity recognition, image recognition, and text analysis. By the end of the book, you will have explored related web resources and technologies that will help you take your learning to the next level. By applying the most effective machine learning methods to real-world problems, you will gain hands-on experience that will transform the way you think about data. What you will learn Discover key Java machine learning libraries Implement concepts such as classification, regression, and clustering Develop a customer retention strategy by predicting likely churn candidates Build a scalable recommendation engine with Apache Mahout Apply machine learning to fraud, anomaly, and outlier detection Experiment with deep learning concepts and algorithms Write your own activity recognition model for eHealth applications Who this book is for If you want to learn how to use Java's machine learning libraries to gain insight from your data, this book is for you. It will get you up and running quickly and provide you with the skills you need to successfully create, customize, and deploy machine learning applications with ease. You should be familiar with Java programming and some basic data mining concepts to make the most of this book, but no prior experience with machine learning is required.

SELF-DISCOVERY AND IDENTITY

The theme of self-discovery and identification is likewise checked out in Collaborative Filtering With Apache Mahout Researchgate. We see characters fighting with their identities, both as people and within culture. This theme stresses the importance of self-acceptance and the trip in the direction of recognizing one's real self.

GETTING OVER MISFORTUNE

Lastly, the book Collaborative Filtering With Apache Mahout Researchgate checks out the idea of conquering hardship. We see personalities dealing with substantial obstacles and obstacles, and exactly how they browse via them to ultimately expand and become more powerful. This motif highlights the durability of the human spirit and the value of determination.

By checking out these significant themes, Collaborative Filtering With Apache Mahout Researchgate creates an abundant and appealing story that talks to the human experience. These styles supply visitors with a deeper understanding of the characters and their inspirations, along with the bigger motifs of Collaborative Filtering With Apache Mahout Researchgate.

CHARACTER ANALYSIS OF COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

In this area, we will look into the major characters of Collaborative Filtering With Apache Mahout Researchgate publication and carry out a thorough character analysis. Via this, we aim to acquire a much deeper understanding of their characteristics, motivations, and overall advancement throughout the story.

PERSONALITY 1

Personality 1 is the lead character of the tale and plays a main role in driving the narrative forward. Their journey is among self-discovery and development, as they navigate the difficulties and obstacles offered to them. With their activities and communications with others, we obtain insight into their complicated individuality and motivations.

CHARACTER 2

Personality 2 is a supporting character that works as a foil to Character 1. Their contrasting character and worths provide an interesting dynamic and add to the total problem and stress of the tale in Collaborative Filtering With Apache Mahout Researchgate. With their communications with Character 1 and other characters, we acquire a deeper understanding of their duty in the story and their influence on the story's styles.

CHARACTER 3

Personality 3 is an antagonist who poses a substantial danger to Character 1 and their goals. With their activities and inspirations, we get insight right into their own internal battles and motivations. By analyzing their function in the story and their interactions with various other personalities, we can better comprehend the styles of Collaborative Filtering With Apache Mahout Researchgate tale and the influence of their actions on the plot.

77 Building Blocks of Digital Transformation Springer Nature

Learn how to use the Apache Hadoop projects, including MapReduce, HDFS, Apache Hive, Apache HBase, Apache Kafka, Apache Mahout, and Apache Solr. From setting up the environment to running sample applications each chapter in this book is a practical tutorial on using an Apache Hadoop ecosystem project. While several books on Apache Hadoop are available, most are based on the main projects, MapReduce and HDFS, and none discusses the other Apache Hadoop ecosystem

projects and how they all work together as a cohesive big data development platform. What You Will Learn: Set up the environment in Linux for Hadoop projects using Cloudera Hadoop Distribution CDH 5 Run a MapReduce job Store data with Apache Hive, and Apache HBase Index data in HDFS with Apache Solr Develop a Kafka messaging system Stream Logs to HDFS with Apache Flume Transfer data from MySQL database to Hive, HDFS, and HBase with Sqoop Create a Hive table over Apache Solr Develop a Mahout User Recommender System Who This Book Is For: Apache Hadoop developers. Pre-requisite knowledge of Linux and some knowledge of Hadoop is required.

Helpful techniques to design, build, and deploy powerful machine learning applications in Java, 2nd Edition Springer

Apache Mahout: Beyond MapReduce. Distributed algorithm design This book is about designing mathematical and Machine Learning algorithms using the Apache Mahout "Samsara" platform. The material takes on best programming practices as well as conceptual approaches to attacking Machine Learning problems in big datasets. Math is explained, followed by code examples of distributed and in-memory computations. Written by Apache Mahout committers for people who want to learn how to design distributed math algorithms as well as how to use some of the new Mahout "Samsara" algorithms off-the-shelf. The book covers Apache Mahout 0.10 and 0.11.

[Effective Big Data Management and Opportunities for Implementation](#) CRC Press

In 2018, '77 Building Blocks of Digital Transformation: The Digital Capability Model' was published to help 'digital practitioners' working in the digital space. Since then, quite a few readers have suggested writing a book about digital transformation for 'the general public' interested in learning more than basics of digital transformation. That is how the book '77 Building Blocks of Digital Transformation: Simply Explained' has been created. This book is intended to deliver the key messages of 'the 77 Building Blocks' to the general public. It aims to help the general public understand 'actual practices' in the digital space. This is not a theory book that discusses the academical ideas and concepts of digital transformation, but a 'practical' field book that describes the proven digital capabilities as the building blocks of digital transformation. This book does however not fully cover the technical detail of the Maturity Model described in '77 Building Blocks of Digital transformation: The Digital Capability Model' that aims to help digital practitioners with measuring digital maturity. Instead, this book provides examples of higher maturity indicators as an introduction to the Maturity Model. If you are looking for a deep dive into the Maturity Model, refer to '77 Building Blocks of Digital transformation: The Digital Capability Model'. This book covers: 1. Digital Customer Experience Management -Digital Customer Journey Management -User Research -Usability Analysis -User Experience Designing -User Experience Testing 2. Social Interaction -Social Listening -Social Media Marketing -Social Media Servicing -Online Community Management -Rating & Review Management -Content Moderation -Social Crisis Management 3. Digital Marketing -Digital Brand Marketing -Search Engine Optimization -Paid Search -Content Targeting -Affiliate Marketing -Online Advertising -Digital Campaign Management -Lead Management -Marketing Offer Management -Email Marketing -Mobile Marketing -Marketing Automation -Conversion Rate Optimization 4. Digital Commerce -Online Merchandising -Shopping Cart & Checkout -Payments & Reconciliation -Order Management & Fulfillment -Account Management & Self-Service 5. Digital Channel Management -Channel Mix & Optimization -Cross-Business Integration -Cross-Channel Integration -Multi-Device Presentation 6. Knowledge & Content Management -Knowledge Collaboration -Knowledge Base Management -Content Lifecycle Management -Digital Asset Management -Content Aggregation & Syndication -Web Content Management 7. Customization & Personalization -Customer Preference Management -Customer Communication Management -Social Behaviour Management -Interaction Tracking & Management -Customer Loyalty Management -Digital Customer Services 8. Digital Intelligence -Product Similarity Analytics -Customer Insights -Customer Segmentation -Conversion Analytics -Digital Marketing Effectiveness -Big Data Analytics -Web Analytics -Reporting & Dashboard 9. Digital Data Management -Non-relational Data Management -Distributed Data Store Management -Enterprise Search -Master Data Management -Data Quality Management -Digital Data Policy Management 10. Digital Infrastructure Management -On-Demand Provisioning -User Interaction Services -Process Integration Services -Parallel Processing Services -Federated Access Management -Digital Continuity Management 11. Digital Alignment -Digital Innovation -Digital Planning -Digital Governance -Cross-Boundary Collaboration -Digital Journey Readiness 12. Digital Development & Operations -Digital Program & Project Management -Digital Design Authority -Digital Capability Development -Digital Capability Introduction -Digital Service Operations -Digital Quality Management

Deep Learning: Practical Neural Networks with Java Simon and Schuster

Gain a thorough knowledge of Lucene's capabilities and use it to develop your own search applications. This book explores the Java-based, high-performance text search engine library used to build search capabilities in your applications. Starting with the basics of Lucene and searching, you will learn about the types of queries used in it and also take a look at scoring models. Applying this basic knowledge, you will develop a hello world app using basic Lucene queries and explore functions like scoring and document level boosting. Along the way you will also uncover the concepts of partial searching and matching in Lucene and then learn how to integrate geographical information (geospatial data) in Lucene using spatial queries and n-dimensional indexing. This will prepare you to build a location-aware search engine with a representative data set that allows location constraints to be specified during a search. You'll also develop a text classifier using Lucene and Apache Mahout, a popular machine learning framework. After a detailed review of performance bench-marking and common issues associated with it, you'll learn some of the best practices of tuning the performance of your application. By the end of the book you'll be able to build your first Lucene patch, where you will not only write your patch, but also test it and ensure it adheres to community coding standards. What You'll Learn Master the basics of Apache Lucene Utilize different query types in Apache Lucene Explore scoring and document level boosting Integrate geospatial data into your application Who This Book Is For Developers wanting to learn the finer details of Apache Lucene by developing a series of projects with it.

ICD5MLA 2020 IGI Global

If you want to discover one of the latest tools designed to produce stunning Big Data insights, this book features everything you need to get to grips with your data. Whether you are a data architect, developer, or a business strategist, HDInsight adds value in everything from development, administration, and reporting.

[Tika in Action](#) Packt Publishing Ltd

The book 'Data Intensive Computing Applications for Big Data' discusses the technical concepts of big data, data intensive computing through machine learning, soft computing and parallel computing paradigms. It brings together researchers to report their latest results or progress in the development of the above mentioned areas. Since there are few books on this specific subject, the editors aim to provide a common platform for researchers working in this area to exhibit their novel findings. The book is intended as a reference work for advanced undergraduates and graduate students, as well as multidisciplinary, interdisciplinary and transdisciplinary research workers and

scientists on the subjects of big data and cloud/parallel and distributed computing, and explains didactically many of the core concepts of these approaches for practical applications. It is organized into 24 chapters providing a comprehensive overview of big data analysis using parallel computing and addresses the complete data science workflow in the cloud, as well as dealing with privacy issues and the challenges faced in a data-intensive cloud computing environment. The book explores both fundamental and high-level concepts, and will serve as a manual for those in the industry, while also helping beginners to understand the basic and advanced aspects of big data and cloud computing.

Through an extensive character analysis, we gain a deeper understanding of the tale's motifs and story. Analyzing the qualities, motivations, and advancement of each personality allows us to value the complexity of Collaborative Filtering With Apache Mahout Researchgate story and the writer's skilled portrayal of their personalities.

SECRET STORY FACTORS OF COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

Throughout guide, there are numerous vital story factors that drive the story onward and shape the direction of the tale.

THE INCITING EVENT IN COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

The prompting event that sets the story into motion is when the protagonist obtains a mysterious letter welcoming them to a secluded island. This event triggers inquisitiveness and sets the phase for the remainder of the plot to unravel.

THE EXPLORATION OF THE FIRST BODY

Right after arriving on the island, the characters find the first body, which triggers a chain of occasions and raises the risks of the story. This Collaborative Filtering With Apache Mahout Researchgate's story factor develops a sense of necessity and danger for the characters, as they realize they are trapped on the island with a possible murderer.

THE DISCOVERY OF THE KILLER'S IDENTITY IN COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

As the story unravels, we learn more regarding each personality's inspirations and possible participation in the murders. The discovery of the killer's identification is a crucial plot point that ties together the various strings of the story and gives a satisfying verdict for the reader.

THE FINAL CONFRONTATION OF COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

The last fight in between the protagonist and the killer is a zero hour in the story, as the stress and suspense reach their climax. This plot point is crucial for bringing closure to the tale and resolving the conflicts that have actually been building throughout Collaborative Filtering With Apache Mahout Researchgate publication.

Overall, these crucial story points work together to create a natural and interesting narrative that maintains readers on the edge of their seats. By carefully crafting each twist and turn, the writer has developed a story that is both enjoyable and memorable.

ESTABLISHING AND ENVIRONMENT IN COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE SUMMARY

As we look into the literary globe of Collaborative Filtering With Apache Mahout Researchgate publication, we can not help but be struck by the vibrant and expressive setup that the author has actually produced. The story takes place in a small town snuggled in the heart of the countryside, where the rolling hills and large open rooms give a plain contrast to the bustling city life that the majority of us are accustomed to.

The writer's summaries of the natural landscape are very sensory, with brilliant imagery that delivers the reader into the heart of the story. We can practically feel the warmth of the sunlight on our skin and listen to the rustling of the fallen leaves in the gentle breeze. This attention to information develops an effective sense of environment, as if the establishing itself were a character in Collaborative Filtering With Apache Mahout Researchgate story.

THE INFLUENCE OF ESTABLISHING ON THE MOOD

The setup plays a critical function fit the state of mind of the story, creating a sense of peace and calm that is at chances with the psychological chaos that much of the personalities are experiencing. This comparison produces a sense of tension that includes deepness and intricacy to the story.

At the exact same time, the setup also acts as a powerful sign of the personalities' needs and ambitions. The substantial open rooms stand for the endless opportunities that life has to provide, while the encased town represents the constraints that we all deal with in our daily lives. This duality develops a powerful feeling of significance and vibration that lingers long after Collaborative Filtering With Apache Mahout Researchgate story has ended.

THE WORTH OF EVOCATIVE LANGUAGE

The author's use of language is also worth noting, as it includes an extra layer of deepness and intricacy to the setting and ambience. The language is extremely poetic and expressive, with abundant allegories and descriptive phrases that bring the readying to life in vivid detail.

Via this use of language, the author has created an effective sense of immersion, as if we are experiencing the setup and atmosphere firsthand. This immersive quality is one of Collaborative Filtering With Apache Mahout Researchgate's greatest staminas, and it is what makes the story so remarkable and impactful.

To conclude, the setup and ambience of Collaborative Filtering With Apache Mahout Researchgate book are basic to its psychological influence and narrative depth. Through lavish descriptions and poetic language, the writer has actually brought the world of the tale to life in vivid information, creating a feeling of immersion and resonance that lingers long after the last page has actually been transformed.

CREATING STYLE AND LANGUAGE IN COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

As we dive into the writing design and language of this publication Collaborative Filtering With Apache Mahout Researchgate, we see that the author has an unique and unique voice that sets

them apart from other authors. Their language is specific and nuanced, creating a brilliant and engaging analysis experience. The writer expertly employs literary devices such as metaphors, similes, and foreshadowing to share deeper significance and intricacy.

ALLEGORIES AND SIMILES

The author typically uses metaphors and similes to describe characters and occasions in the tale. As an example, in one scene of Collaborative Filtering With Apache Mahout Researchgate, the protagonist is referred to as a "injured bird with a damaged wing," highlighting her vulnerability and the obstacles she faces. One more personality is compared to a "serpent in the lawn," highlighting their deceiving nature.

Such metaphorical language adds depth and intricacy to characters and plot points, making them more relatable and memorable.

COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE FORESHADOWING

The author also uses foreshadowing to hint at future events and develop thriller. In one very early scene, the lead character notices a dark and foreboding storm coming close to, which later ends up being a turning point in the story. The author utilizes this technique to maintain readers engaged and presuming regarding what will certainly take place following.

In addition, the writer's writing style and language selections are fit to Collaborative Filtering With Apache Mahout Researchgate's themes and setting. The tale occurs in a gritty and dark urban environment, and the writer's language shows this, with harsh and dazzling summaries of the city and its inhabitants. This creates a sense of ambience and state of mind that boosts the reading experience.

VERDICT

Generally, the writer's creating design and language are major stammas of this publication, attracting viewers in and maintaining them engaged throughout. Making use of metaphors, similes, and foreshadowing adds depth and complexity to the personalities and Collaborative Filtering With Apache Mahout Researchgate plot, while additionally producing a rich sense of environment and mood. Via their writing, the author has actually crafted a truly immersive and engaging Collaborative Filtering With Apache Mahout Researchgate story that visitors will certainly bear in mind long after they end up analysis.

COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE CONCLUSION

After performing a detailed evaluation of the book Collaborative Filtering With Apache Mahout Researchgate, we can confidently claim that it is a thought-provoking and emotionally powerful work of literary works. Via our expedition of the major motifs and crucial plot factors, we have obtained a much deeper understanding of the story and its characters.

THE SIGNIFICANCE OF CHARACTER EVALUATION

By analyzing the motivations and growth of the primary characters, we had the ability to value the intricacy of their connections and the effect they carry Collaborative Filtering With Apache Mahout Researchgate story. The deepness of personality analysis allowed us to connect with the personalities on a personal level, enabling us to completely understand their experiences and emotions.

THE IMPORTANCE OF SETTING AND ENVIRONMENT

The writer's focus to information in Collaborative Filtering With Apache Mahout Researchgate's setup and environment plays a critical function in creating a palpable state of mind and tone. The vivid summaries of the environment heightened our detects, making us feel as though we were residing in the globe of the book. This added to an extra immersive analysis experience and a much deeper understanding of the story.

THE WORTH OF WRITING STYLE AND LANGUAGE SELECTIONS

The writer's writing design and language choices likewise significantly affected our analysis experience. Making use of figurative language and poetic prose produced a lyrical quality that added to the overall elegance of this book Collaborative Filtering With Apache Mahout Researchgate. The author's words repainted a brilliant picture in our minds, enabling us to completely envision the story in our heads.

Generally, our evaluation of Collaborative Filtering With Apache Mahout Researchgate has given us with a rich understanding of the story and its literary possibility. We very advise this book to visitors that are looking for a thought-provoking and emotionally impactful read.

[Web Information Systems and Technologies](#) Springer

With new technologies, such as computer vision, internet of things, mobile computing, e-governance and e-commerce, and wide applications of social media, organizations generate a huge volume of data and at a much faster rate than several years ago. Big data in large-/small-scale systems, characterized by high volume, diversity, and velocity, increasingly drives decision making and is changing the landscape of business intelligence. From governments to private organizations, from communities to individuals, all areas are being affected by this shift. There is a high demand for big data analytics that offer insights for computing efficiency, knowledge discovery, problem solving, and event prediction. To handle this demand and this increase in big data, there needs to be research on innovative and optimized machine learning algorithms in both large- and small-scale systems. Applications of Big Data in Large- and Small-Scale Systems includes state-of-the-art research findings on the latest development, up-to-date issues, and challenges in the field of big data and presents the latest innovative and intelligent applications related to big data. This book encompasses big data in various multidisciplinary fields from the medical field to agriculture, business research, and smart cities. While highlighting topics including machine learning, cloud computing, data visualization, and more, this book is a valuable reference tool for computer scientists, data scientists and analysts, engineers, practitioners, stakeholders, researchers, academicians, and students interested in the versatile and innovative use of big data in both large-scale and small-scale systems.

[Electronics, Communications and Networks IV](#) CRC Press

This book constitutes the refereed proceedings of the 9th International Conference on Ubiquitous Computing and Ambient Intelligence, UCAmI 2015, held in Puerto Varas, Chile, in December 2015. The 36 full papers presented together with 11 short papers were carefully reviewed and selected from 62 submissions. The papers are grouped in topical sections on adding intelligence for

environment adaption; ambient intelligence for transport; human interaction and ambient intelligence; and ambient intelligence for urban areas.

[Mastering Hadoop](#) Springer

Apache Mahout Cookbook uses over 35 recipes packed with illustrations and real-world examples to help beginners as well as advanced programmers get acquainted with the features of Mahout."Apache Mahout Cookbook" is great for developers who want to have a fresh and fast introduction to Mahout coding. No previous knowledge of Mahout is required, and even skilled developers or system administrators will benefit from the various recipes presented

[A Web-Based Prototype Course Recommender System using Apache Mahout](#) IGI Global

Unlock the power of your data with Hadoop 2.X ecosystem and its data warehousing techniques across large data sets About This Book Conquer the mountain of data using Hadoop 2.X tools The authors succeed in creating a context for Hadoop and its ecosystem Hands-on examples and recipes giving the bigger picture and helping you to master Hadoop 2.X data processing platforms Overcome the challenging data processing problems using this exhaustive course with Hadoop 2.X Who This Book Is For This course is for Java developers, who know scripting, wanting a career shift to Hadoop - Big Data segment of the IT industry. So if you are a novice in Hadoop or an expert, this book will make you reach the most advanced level in Hadoop 2.X. What You Will Learn Best practices for setup and configuration of Hadoop clusters, tailoring the system to the problem at hand Integration with relational databases, using Hive for SQL queries and Sqoop for data transfer Installing and maintaining Hadoop 2.X cluster and its ecosystem Advanced Data Analysis using the Hive, Pig, and Map Reduce programs Machine learning principles with libraries such as Mahout and Batch and Stream data processing using Apache Spark Understand the changes involved in the process in the move from Hadoop 1.0 to Hadoop 2.0 Dive into YARN and Storm and use YARN to integrate Storm with Hadoop Deploy Hadoop on Amazon Elastic MapReduce and Discover HDFS replacements and learn about HDFS Federation In Detail As Marc Andreessen has said "Data is eating the world," which can be witnessed today being the age of Big Data, businesses are producing data in huge volumes every day and this rise in tide of data need to be organized and analyzed in a more secured way. With proper and effective use of Hadoop, you can build new-improved models, and based on that you will be able to make the right decisions. The first module, Hadoop beginners Guide will walk you through on understanding Hadoop with very detailed instructions and how to go about using it. Commands are explained using sections called "What just happened" for more clarity and understanding. The second module, Hadoop Real World Solutions Cookbook, 2nd edition, is an essential tutorial to effectively implement a big data warehouse in your business, where you get detailed practices on the latest technologies such as YARN and Spark. Big data has become a key basis of competition and the new waves of productivity growth. Hence, once you get familiar with the basics and implement the end-to-end big data use cases, you will start exploring the third module, Mastering Hadoop. So, now the question is if you need to broaden your Hadoop skill set to the next level after you nail the basics and the advance concepts, then this course is indispensable. When you finish this course, you will be able to tackle the real-world scenarios and become a big data expert using the tools and the knowledge based on the various step-by-step tutorials and recipes. Style and approach This course has covered everything right from the basic concepts of Hadoop till you master the advance mechanisms to become a big data expert. The goal here is to help you learn the basic essentials using the step-by-step tutorials and from there moving toward the recipes with various real-world solutions for you. It covers all the important aspects of Hadoop from system designing and configuring Hadoop, machine learning principles with various libraries with chapters illustrated with code fragments and schematic diagrams. This is a compendious course to explore Hadoop from the basics to the most advanced techniques available in Hadoop 2.X.

[9th International Conference, UCAmI 2015, Puerto Varas, Chile, December 1-4, 2015, Proceedings](#) Packt Publishing Ltd

This two-volume set LNCS 12184 and 12185 constitutes the refereed proceedings of the Thematic Area on Human Interface and the Management of Information, HIMI 2020, held as part of HCI International 2020 in Copenhagen, Denmark.* HCI 2020 received a total of 6326 submissions, of which 1439 papers and 238 posters were accepted for publication after a careful reviewing process. The 72 papers presented in the two volumes were organized in the following topical sections: Part I: information presentation and visualization; service design and management; and information in VR and AR. Part II: recommender and decision support systems; information, communication, relationality and learning; supporting work, collaboration and creativity; and information in intelligent systems and environments. *The conference was held virtually due to the COVID-19 pandemic.

[Proceedings of the 4th International Conference on Electronics, Communications and Networks \(CECNET IV\), Beijing, China, 12-15 December 2014](#) Packt Publishing Ltd

Project Report from the year 2017 in the subject Computer Science - Miscellaneous, grade: BSc Honours in Computer Science, , course: Honors research project, language: English, abstract: Most universities offer a wide range of courses in which students can enrol. As a result, students may feel overwhelmed with the many possibilities and large amount of information, resulting in having a difficult time deciding what to sign up for. To this end, there is a need for a system that can assist students in this crucial process. Thus, we set out to develop a web-based recommender application that could generate a list of valuable, accurate course recommendations, taking into account a student's likelihood of succeeding academically. Choosing an effective and stimulating set of courses is not an easy task for a student. There are several factors at play when it comes to choosing courses that one must study. One of these factors may be the assumed difficulty of a course that a student is considering to take. Of course, if the course is compulsory, then the student has no choice but to enrol in it. However, in the situation in where there are many different subjects to choose from, the student may shy away from taking optional courses that might pose a significant challenge, in terms of workload or being unable to fully understand the course content. These courses would clearly have a negative effect on academic performance. However, there may also be some students who are looking to be challenged, and for whom choosing more difficult courses would be an exciting challenge. In terms of academic performance, effective course selection is of utmost importance in ensuring a student is able to succeed in her or his studies and obtain their qualification(s).

REVIEW OF COLLABORATIVE FILTERING WITH APACHE MAHOUT RESEARCHGATE

- This one has some cute stuff in it, but its' not what I thought it would be. Not the worst book, but nothing I would recommend.
- Second book in authors "Wilderness"series. CAN'T put it down! Story has so many twists and turns ! Will read any book she writes.