

Students Selection for University Course Admission at the Joint Admissions Board (Kenya) Using Trained Neural Networks

Franklin Wabwoba
Masinde Muliro University of
Science and Technology,
Kakamega, Kenya

fwabwoba@gmail.com

Fullgence M. Mwakondo,
Mombasa Polytechnic
University College,
Mombasa, Kenya

mwakondopoly@gmail.com

Executive Summary

Every year, the Joint Admission Board (JAB) is tasked to determine those students who are expected to join various Kenyan public universities under the government sponsorship scheme. This exercise is usually extensive because of the large number of qualified students compared to the very limited number of slots at various institutions and the shortage of funding from the government. Further, this is made complex by the fact that the selections are done against a predefined cluster subjects vis a vis the student's preferred and applied for academic courses. Minimum requirements exist for each course and only students having the prescribed grades in specific subjects are eligible to join that course. Due to this, students are often admitted to courses they consider irrelevant to their career prospects and not their preferred choices.

This process is tiresome, costly, and prone to bias, errors, or favour, leading to disadvantaging innocent students. This paper examines the potential use of artificial neural networks at the JAB for the process of selecting students for university courses. Based on the fact that Artificial Neural Networks (ANNs) have been tested and used in classification, the paper explains how a trained neural network can be used to perform the students' placement effectively and efficiently. JAB will be able, therefore, to undertake the students' placement thoroughly and be able to accomplish it with minimal wastage of time and resources respectively without having to utilise unnecessary effort. The paper outlines how the various metrics can be coded and used as input to the ANNs. Ultimately, the paper underscores the various merits that would accompany the adoption of this technique. By making use of neural networks in the university career choices, student placement at JAB will enhance the chances of students being placed into courses they prefer as part of their career choice. This is likely to motivate the students, making them work harder and leading to improved performance and improved completion rate. The ANN application may also reduce the

cost spend on the application processing and the time the applicants have to wait for the outcome. The ANN application could further increase the chances of high quality applicants getting admission to career courses for which they qualify.

Material published as part of this publication, either on-line or in print, is copyrighted by the Informing Science Institute. Permission to make digital or paper copy of part or all of these works for personal or classroom use is granted without fee provided that the copies are not made or distributed for profit or commercial advantage AND that copies 1) bear this notice in full and 2) give the full citation on the first page. It is permissible to abstract these works so long as credit is given. To copy in all other cases or to republish or to post on a server or to redistribute to lists requires specific permission and payment of a fee. Contact [IPublishing@InformingScience.org](http://Publishing@InformingScience.org) to request redistribution permission.

2015 2016 University Admission Jab Kenya

JG Myers



2015 2016 University Admission Jab Kenya:

Advancing Africa's Sustainable Development Alain L. Fymat, 2018-11-14 While many African countries lag behind the rest of the industrialised world in scientific and medical research and development the situation is progressively improving This is why the Society for the Advancement of Science in Africa was established to contribute to economic advancement and sustainability through science research education and innovation This book provides a selection of papers from the Advancement of Science in Africa s fourth annual conference The conference was held under the overarching theme of science technology and innovation in Africa with several important sub themes including but not limited to improving health research and disease surveillance education collaborating in research responding to epidemic diseases with high mortality in Africa and promoting women s interest in science careers The collection illustrates how although the chapter contributors come from various countries and universities representing their own academic research they all share a common interest in advancing science technology and innovation in Africa *Orphan Plant Species for Food Security and Nutrition: Successes, Challenges, and a Way Forward* Enoch G. Achigan-Dako, Iago Lowe Hale, Katherine Steele, E. O. Deedi

Sogbohossou, 2023-03-31 **Smart Food for Healthy, Sustainable and Resilient Food Systems**, 2023-06-06 We are no longer able to provide the world population with a healthy diet and at the same time sustainably balance our planetary resources to ensure resilient and viable livelihoods for smallholder farmers For the past fifty years diets have become less nutritionally balanced contribute significantly to climate change and have accelerated the process of biodiversity erosion We have reduced the number of species that are cultivated for food and for each species we are growing fewer varieties While agriculture has moved towards uniformity biodiversity is the basis of healthy and nutritious diets and biodiversity is paramount for adapting crops to climate change Hence it is important to build resilient and sustainable food systems by re introducing diversity into our agricultural systems and introducing Smart Food from smart crops into our diets Smart Food is food that fulfills the criteria for being good for you nutritious and healthy good for the planet environmentally sustainable and beneficial to the farmers who grow these crops resilient and viable The aim of this Research Topic is to provide researchers research managers funding agencies and government agencies with scientifically backed information to foster awareness increased use and support for research into Smart Food **Guidance on integrated pest management for**

the world's major crop pests and diseases Food and Agriculture Organization of the United Nations, 2025-05-08 In this volume FAO has compiled integrated pest management IPM measures for eight global priority pests and pathogens based upon geographical distribution severity and societal importance Each chapter offers a bundle of IPM solutions for the principal pest threats of cereal grains potato fruits and vegetables It offers a wide spectrum of tailored solutions ranging from traditional approaches such as crop sanitation and good agronomy to modern DNA based technologies marker assisted breeding and innovative tools such as robotics biological control and biopesticides as well as digital alert systems By

emphasizing biodiversity based and agroecological preventative measures and providing innovative ways to integrate stand alone technologies readers are presented with practical ways to establish climate resilient pest suppressive cropping systems As such this volume can be of immediate value for government decision makers pest management practitioners development partners agro industry actors and farmers *The Call for the Introduction of University Entrance Exams in Zambia* Brian Mumba,2019 Globally university entrance exams have been an issue of education reform ever since the introduction of the first intelligence test in 1905 Murphy and Davidshofer 2005 Such development began in the USA with the introduction of the Scholastic Assessment Test SAT as criteria for admission into the university Recently the Government of Zambia through the Higher Education Authority HEA called for the introduction of entrance exams for colleges and universities However such changes are not just new to Zambia in 2016 Cambridge University introduced a written entrance exam for the first time in a generation since the abolishment of the entrance exams in 1986 Based on this background the paper examines calls for the introduction of university entrance exams in Zambia In its effort the paper focuses on common university admission criteria practised around the world Hence contributing to the current debate on the introduction of university entrance exams in Zambia and provide a better understanding of different university admission criteria practised around the globe *How to Apply for Admission to a University* Universities Central Council on Admissions (Great Britain),1971

The Captivating Realm of Kindle Books: A Thorough Guide Unveiling the Pros of Kindle Books: A Realm of Convenience and Flexibility E-book books, with their inherent portability and ease of access, have freed readers from the constraints of hardcopy books. Gone are the days of lugging cumbersome novels or meticulously searching for specific titles in bookstores. Kindle devices, stylish and lightweight, seamlessly store an wide library of books, allowing readers to immerse in their preferred reads whenever, anywhere. Whether traveling on a busy train, lounging on a sun-kissed beach, or simply cozying up in bed, Kindle books provide an exceptional level of ease. A Literary World Unfolded: Discovering the Wide Array of E-book 2015 2016 University Admission Jab Kenya 2015 2016 University Admission Jab Kenya The E-book Store, a virtual treasure trove of literary gems, boasts an wide collection of books spanning varied genres, catering to every readers taste and choice. From gripping fiction and thought-provoking non-fiction to timeless classics and modern bestsellers, the E-book Store offers an unparalleled abundance of titles to discover. Whether seeking escape through engrossing tales of imagination and adventure, diving into the depths of historical narratives, or broadening ones understanding with insightful works of scientific and philosophy, the Kindle Store provides a doorway to a literary universe brimming with limitless possibilities. A Revolutionary Factor in the Literary Landscape: The Persistent Impact of Kindle Books 2015 2016 University Admission Jab Kenya The advent of Kindle books has undoubtedly reshaped the bookish scene, introducing a model shift in the way books are released, distributed, and read. Traditional publication houses have embraced the online revolution, adapting their approaches to accommodate the growing need for e-books. This has led to a rise in the accessibility of Kindle titles, ensuring that readers have entry to a wide array of literary works at their fingers. Moreover, Kindle books have equalized access to books, breaking down geographical barriers and providing readers worldwide with equal opportunities to engage with the written word. Regardless of their location or socioeconomic background, individuals can now immerse themselves in the intriguing world of literature, fostering a global community of readers. Conclusion: Embracing the E-book Experience 2015 2016 University Admission Jab Kenya E-book books 2015 2016 University Admission Jab Kenya, with their inherent ease, versatility, and vast array of titles, have unquestionably transformed the way we encounter literature. They offer readers the freedom to discover the limitless realm of written expression, whenever, everywhere. As we continue to navigate the ever-evolving digital scene, E-book books stand as testament to the enduring power of storytelling, ensuring that the joy of reading remains reachable to all.

https://legacy.tortoisemedia.com/public/detail/index.jsp/audi_a5_manual_vs_automatic.pdf

Table of Contents 2015 2016 University Admission Jab Kenya

1. Understanding the eBook 2015 2016 University Admission Jab Kenya
 - The Rise of Digital Reading 2015 2016 University Admission Jab Kenya
 - Advantages of eBooks Over Traditional Books
2. Identifying 2015 2016 University Admission Jab Kenya
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an eBook 2015 2016 University Admission Jab Kenya
 - User-Friendly Interface
4. Exploring eBook Recommendations from 2015 2016 University Admission Jab Kenya
 - Personalized Recommendations
 - 2015 2016 University Admission Jab Kenya User Reviews and Ratings
 - 2015 2016 University Admission Jab Kenya and Bestseller Lists
5. Accessing 2015 2016 University Admission Jab Kenya Free and Paid eBooks
 - 2015 2016 University Admission Jab Kenya Public Domain eBooks
 - 2015 2016 University Admission Jab Kenya eBook Subscription Services
 - 2015 2016 University Admission Jab Kenya Budget-Friendly Options
6. Navigating 2015 2016 University Admission Jab Kenya eBook Formats
 - ePub, PDF, MOBI, and More
 - 2015 2016 University Admission Jab Kenya Compatibility with Devices
 - 2015 2016 University Admission Jab Kenya Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of 2015 2016 University Admission Jab Kenya
 - Highlighting and Note-Taking 2015 2016 University Admission Jab Kenya
 - Interactive Elements 2015 2016 University Admission Jab Kenya
8. Staying Engaged with 2015 2016 University Admission Jab Kenya

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers 2015 2016 University Admission Jab Kenya
- 9. Balancing eBooks and Physical Books 2015 2016 University Admission Jab Kenya
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection 2015 2016 University Admission Jab Kenya
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine 2015 2016 University Admission Jab Kenya
 - Setting Reading Goals 2015 2016 University Admission Jab Kenya
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of 2015 2016 University Admission Jab Kenya
 - Fact-Checking eBook Content of 2015 2016 University Admission Jab Kenya
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

2015 2016 University Admission Jab Kenya Introduction

2015 2016 University Admission Jab Kenya Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. 2015 2016 University Admission Jab Kenya Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. 2015 2016 University Admission Jab Kenya : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for 2015 2016 University Admission Jab Kenya : Has an

extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks 2015 2016 University Admission Jab Kenya Offers a diverse range of free eBooks across various genres. 2015 2016 University Admission Jab Kenya Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. 2015 2016 University Admission Jab Kenya Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific 2015 2016 University Admission Jab Kenya, especially related to 2015 2016 University Admission Jab Kenya, might be challenging as they're often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to 2015 2016 University Admission Jab Kenya, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some 2015 2016 University Admission Jab Kenya books or magazines might include. Look for these in online stores or libraries. Remember that while 2015 2016 University Admission Jab Kenya, sharing copyrighted material without permission is not legal. Always ensure you're either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow 2015 2016 University Admission Jab Kenya eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the 2015 2016 University Admission Jab Kenya full book, it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of 2015 2016 University Admission Jab Kenya eBooks, including some popular titles.

FAQs About 2015 2016 University Admission Jab Kenya Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities,

enhancing the reader engagement and providing a more immersive learning experience. 2015 2016 University Admission Jab Kenya is one of the best book in our library for free trial. We provide copy of 2015 2016 University Admission Jab Kenya in digital format, so the resources that you find are reliable. There are also many Ebooks of related with 2015 2016 University Admission Jab Kenya. Where to download 2015 2016 University Admission Jab Kenya online for free? Are you looking for 2015 2016 University Admission Jab Kenya PDF? This is definitely going to save you time and cash in something you should think about.

Find 2015 2016 University Admission Jab Kenya :

[audi a5 manual vs automatic](#)

[audi a6 2010 manual](#)

[au boulot recettes agrave deacuteguster au travail compilation recettes t](#)

[audi a6 1998 24 service manual](#)

[att lg slide phone manual](#)

[audi a6 2013 owners manual](#)

[atv sam 150cc service manual](#)

audemars piguet royal oak offshore ebay

audi a20reference guide

[audi 80 avant b4 owners manual](#)

[audi a6 cd service manual](#)

audi a3 engine code

[audi 7b 20v engine guide](#)

[audi a6 c5 electrical wiring manual](#)

[att answering machine manual 1818](#)

2015 2016 University Admission Jab Kenya :

Management: A Very Short Introduction | Oxford Academic by J Hendry · 2013 · Cited by 26 — Management: A Very Short Introduction looks at the history of management theory and modern practice, considers management in a social and ... Management: A Very Short Introduction ... This book gives a good overview of all aspects of management in a very well written and concise manner. Informative, well researched and enjoyable to read due ... Management (Very Short

Introductions): John Hendry ... This book gives a good overview of all aspects of management in a very well written and concise manner. Informative, well researched and enjoyable to read due ... Management: A Very Short Introduction - John Hendry Leading management scholar, John Hendry provides a lively introduction to the nature and practice of management. Tracing its development over the last century, ... Management: A Very Short Introduction by John Hendry This is an ideal introduction for anyone interested in, or studying, business and management. About the. Oxford's Very Short Introductions series offers concise ... Management: A Very Short Introduction - John Hendry Oct 24, 2013 — Leading management scholar, John Hendry provides a lively introduction to the nature and practice of management. Human Resource Management: A Very Short Introduction ... May 24, 2022 — Adrian Wilkinson shows how human resource management covers the relations between employees and their employers, and explores the range of HR ... Management: A Very Short Introduction In this Very Short Introduction, John Hendry provides a lively introduction to the nature and principles of management. Tracing its development over the ... Management: A Very Short Introduction ... Oct 24, 2013 — Leading management scholar, John Hendry provides a lively introduction to the nature and practice of management. Management: A Very Short Introduction (Paperback) Leading management scholar, John Hendry provides a lively introduction to the nature and practice of management. Tracing its development over the last century, ... Simply Soups - Appendix B 2 - APPENDIX B Confirmation... View Simply Soups - Appendix B(2) from AC 741 at Bentley University. APPENDIX B Confirmation Testing Workpaper and Memo Student Deliverable Work Paper ... I need help with this cases Simply soups INC, I just attach ... I need help with this cases Simply soups INC, I just attach the case study ... Q: Does anyone have the solution for Apollo Shoes Case Cash Audit for 6th Edition? Simply Soups Inc.: Case Analysis - 753 Words Cash Confirmation Background - Positive Confirmations: The purpose of this memorandum is to list that key procedures have been performed, integrities have been ... Simply Soup Inc.: Case Study - 460 Words Although the test shown some support evidences for the cash balances of Simply Soup Inc., it's more reliable to test support documents from external sources. (LEARN only) Can I download Simply Soups Inc. Case Study ... Customer Facing Content ... Learn.confirmation will only download the case study as a PDF. Our site does not have the capability to download the study as a Word ... Case Info: You are auditing the general cash account Jul 12, 2019 — Question: Case Info: You are auditing the general cash account for the Simply Soups Inc. for the fiscal year ended December 31, 2017. Learnsimply Soups Inc - Case Study Simply Soups Inc.: A Teaching Case Designed to Integrate the Electronic Cash Confirmation Process into the Auditing Curriculum ABSTRACT: Simply Soups Inc., ... Simply Soups and Case #5 Information Flashcards Study with Quizlet and memorize flashcards containing terms like SOC, SOC 1 ... Solutions · Q-Chat: AI Tutor · Spaced Repetition · Modern Learning Lab · Quizlet ... Simply Soups: Audit Confirmation Standards - YouTube Case Study: Simply Soups Inc. - 469 Words Case Study: Simply Soups Inc. preview. Case Study ... Examiners will assess whether the plan is appropriate in light of the risks in new products or services. Traversing the Ethical Minefield:... by Susan R. Martyn

Traversing the Ethical Minefield: Problems, Law, and Professional Responsibility, Fourth Edition offers students accessible, teachable problems and notes that ... Traversing the Ethical Minefield: Problems, Law, and ... This casebook offers students accessible, teachable, and insightful primary material, problems, and notes that clarify and encourage analysis of the law ... Traversing the Ethical Minefield: Problems, Law, and ... Comprehensive coverage of a wide range of ethical issues through a combination of relevant and interesting problems, cases, ethics opinions, and thematic notes ... Traversing the Ethical Minefield: Problems, Law, and ... The book's innovative pedagogy (combination of relevant and interesting problems faced by fictitious law firm "Martyn and Fox," cases, ethics opinions, thematic ... Traversing the Ethical Minefield: Problems, Law, and ... Sep 15, 2022 — This casebook offers students accessible, teachable, and insightful primary material, problems, and notes that clarify and encourage analysis of ... Traversing the Ethical Minefield: Problems, Law, and ... This casebook offers students accessible, teachable, and insightful primary material, problems, and notes that clarify and encourage analysis of the law ... Traversing the Ethical Minefield: Problems, Law, and ... This casebook offers students accessible, teachable, and insightful primary material, problems, and notes that clarify and encourage analysis of the law ... Traversing the Ethical Minefield: Problems, Law, and ... Traversing the Ethical Minefield: Problems, Law, and Professional Responsibility, Second Edition, presents concise coverage of a wide range of ethical ... Traversing the Ethical Minefield:... by: Susan R. Martyn Traversing the Ethical Minefield: Problems, Law, and Professional Responsibility, Fourth Edition offers students accessible, teachable problems and notes ... traversing the ethical minefield problems law - resp.app Oct 1, 2023 — Yeah, reviewing a ebook traversing the ethical minefield problems law could amass your near links listings. This is just one of the ...