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Using Web and Paper Questionnaires for Data-Based Decision Making **Regional Planning and Decision-making Influence of Social Media on Decision-Making of Christian Teenagers** Decision Support Systems **Noise Integrated Uncertainty in Knowledge Modelling and Decision Making** Web Knowledge Management and Decision Support *Multiple-Criteria Decision-Making (MCDM) Techniques for Business Processes Information Management* **CIMA Examination Text Intermediate Level** Automated Decision-making in the Public Sector. Artificial Intelligence Vs Administrative Intelligence? *The Best Thinking in Business Analytics from the Decision Sciences Institute* **HBR's 10 Must Reads on Making Smart Decisions (with featured article "Before You Make That Big Decision..." by Daniel Kahneman, Dan Lovallo, and Olivier Sibony)** *Working Paper Series* Decision Trees for Decision Making Federal Trade Commission Decisions Comprehension, Decision Making & Problem Solving Compendium for IAS Prelims General Studies Paper 2 & State PSC Exams 2nd Edition **Paper P2 Management Accounting - Decision Management** The Supreme Court Discovering the Decisions within Your Business Processes using IBM Blueworks Live **Papers** *Some behavioural aspects of information use in decision making* DYNAMIC DECISION MAKING IN MARKETING CHANNELS, WORKING PAPER #9408-20. Artificial Intelligence Applications and Innovations **Prospect Theory Foreign Affairs Research Papers Available Conflict and Compromise** Data and knowledge base management systems for decision support **Proceedings of the Fifth International Forum on Decision Sciences Transactions on Rough Sets IV Decision Making Under Uncertainty** *Confronting Future Challenges* **Rough Sets and Current Trends in Computing** Theory and Approaches of Unascertained Group Decision-Making Decision Making Under Risk and Uncertainty **Behavioural Public Policy Report of Proceedings** Teacher Decision-Making in the Classroom Applied Decision Analysis Digest of the United States Tariff and Customs Laws **The Paradox of Choice**

Comprehension, Decision Making & Problem Solving Compendium for IAS Prelims General Studies Paper 2 & State PSC Exams 2nd Edition Jul 21 2021

Decision Making Under Uncertainty May 07 2020 An introduction to decision making under uncertainty from a computational perspective, covering both theory and applications ranging from speech recognition to airborne collision avoidance. Many important problems involve decision making under uncertainty—that is, choosing actions based on often imperfect observations, with unknown outcomes. Designers of automated decision support systems must take into account the various sources of uncertainty while balancing the multiple objectives of the system. This book provides an introduction to the challenges of decision making under uncertainty from a computational perspective. It presents both the theory behind decision making models and algorithms and a collection of example applications that range from speech recognition to aircraft collision avoidance. Focusing on two methods for designing decision agents, planning and reinforcement learning, the book covers probabilistic models, introducing Bayesian networks as a graphical model that captures probabilistic relationships between variables; utility theory as a framework for understanding optimal decision making under uncertainty; Markov decision processes as a method for modeling sequential problems; model uncertainty; state uncertainty; and cooperative decision making involving multiple interacting agents. A series of applications shows how the theoretical concepts can be applied to systems for attribute-based person search, speech applications, collision avoidance, and unmanned aircraft persistent surveillance. Decision Making Under Uncertainty unifies research from different communities using consistent notation, and is accessible to students and researchers across engineering disciplines who have some prior exposure to probability theory and calculus. It can be used as a text for advanced undergraduate and graduate students in fields including computer science, aerospace and electrical engineering, and management science. It will also be a valuable professional reference for researchers in a variety of disciplines.

Decision Support Systems Aug 02 2022 For MIS specialists and nonspecialists alike, a comprehensive, readable, understandable guide to the concepts and applications of decision support systems.

Teacher Decision-Making in the Classroom Sep 30 2019 Making decisions is one of the main activities of the teacher's work. Considered or apparently unconsidered, these decisions significantly affect the lives of all who work in classrooms, both children and the teachers themselves. Originally published in 1979, the aim of this collection of papers was to achieve greater understanding of classroom decision-making and its consequences, to identify and map existing knowledge, and to indicate where it might be augmented. The contributors were researchers and teachers from schools, universities and colleges at the time, and they examine the process of teacher decision-making from sociological, psychological, economic and other perspectives. The book includes a detailed analysis of life in the classroom from a phenomenological perspective, explorations based on micro-economic techniques, and structural perspectives on the role of the teacher in the school. The concluding papers examine the possibilities for social change, given the constraints on the work of the teacher.

DYNAMIC DECISION MAKING IN MARKETING CHANNELS, WORKING PAPER #9408-20. Jan 15 2021

Theory and Approaches of Unascertained Group Decision-Making Feb 02 2020 Tackling the question of how to effectively aggregate uncertain preference information in multiple structures given by decision-making groups, Theory and Approaches of Unascertained Group Decision-Making focuses on group aggregation methods based on uncertainty preference information. It expresses the complexity existing in each group decision-making process by employing complex networks and studying various methods of aggregating preference information from various unascertained, time-series based decision-making groups' structures. Written by Jianjun Zhu, director of the Chinese Society for Optimization, Overall Planning, and Economic Mathematics, the book starts by examining case studies of group decision making. It discusses consistency measuring and ranking methods of interval number reciprocal judgment matrix and interval number complementary judgment matrix. Next, it presents an unascertained number preference and a three-point interval number preference. Investigating linguistic preferences, the text provides two consistencies definitions. It considers the aggregating methods of

several uncertain preferences as well as the multistage aggregating model of uncertain preference. The final chapter proposes an aggregating model of multistage linguistic information based on TOPSIS. The research in this book is supported by a number of scientific foundations from the People's Republic of China, including the National Natural Science Foundation of China; the Social Science Foundation of China, Jiangsu Province; and the Soft Science Foundation of China.

Behavioural Public Policy Dec 02 2019 In this accessible collection, leading academic economists, psychologists and philosophers apply behavioural economic findings to practical policy concerns.

Web Knowledge Management and Decision Support Apr 29 2022 The 20 revised full papers presented in this book together with 4 section surveys were carefully reviewed and selected from the papers contributed to the 14th International Conference on Applications of Prolog, INAP 2001, held in Tokyo, Japan, in October 2002. The papers are devoted to the four tightly interwoven aspects knowledge acquisition, knowledge management, knowledge processing, and knowledge distribution, all in the context of the World Wide Web; they are organized in topical sections on Web languages and logic, knowlege acquisition and knowledge representation, decision support by advanced logic programming, and Web-knowledge management and data mining. The book is targeted to designers and users of e-business systems and e-government systems, for IT professionals who build such systems, as well as for the wider audience interested in the technical background of knowledge processing for the Web.

Rough Sets and Current Trends in Computing Mar 05 2020 In recent years rough set theory has attracted the attention of many researchers and practitioners all over the world, who have contributed essentially to its development and applications. Weareobservingagrowingresearchinterestinthefoundationsofroughsets, including the various logical, mathematical and philosophical aspects of rough sets. Some relationships have already been established between rough sets and other approaches, and also with a wide range of hybrid systems. As a result, rough sets are linked with decision system modeling and analysis of complex systems, fuzzy sets, neural networks, evolutionary computing, data mining and knowledge discovery, pattern recognition, machine learning, and approximate reasoning. In particular, rough sets are used in probabilistic reasoning, granular computing (including information granule calculi based on rough mereology), intelligent control, intelligent agent modeling, identi?cation of autonomous s- tems, and process speci?cation. Methods based on rough set theory alone or in combination with other - proacheshavebeendiscoveredwith awide rangeofapplicationsinsuchareasas: acoustics, bioinformatics, business and ?nance, chemistry, computer engineering (e.g., data compression, digital image processing, digital signal processing, p- allel and distributed computer systems, sensor fusion, fractal engineering), de- sion analysis and systems, economics, electrical engineering (e.g., control, signal analysis, power systems), environmental studies, informatics, medicine, mole- lar biology, musicology, neurology, robotics, social science, software engineering, spatial visualization, Web engineering, and Web mining.

Using Web and Paper Questionnaires for Data-Based Decision Making Nov 05 2022 Offering suggestions for successfully using both Web-based and paper-based questionnaires, this practical handbook provides authoritative guidance for planning a survey project, and communicating the results to a variety of audiences.

Integrated Uncertainty in Knowledge Modelling and Decision Making May 31 2022 This book constitutes the refereed proceedings of the International Symposium on Integrated Uncertainty in Knowledge Modeling and Decision Making, IUKM 2011, held in Hangzhou, China, in October 2011. The 21 revised full papers presented together with 1 keynote lecture and 5 invited talks were carefully reviewed and selected from 55 submissions. The papers provide a wealth of new ideas and report both theoretical and applied research on integrated uncertainty modeling and management.

Working Paper Series Oct 24 2021

Foreign Affairs Research Papers Available Oct 12 2020

Proceedings of the Fifth International Forum on Decision Sciences Jul 09 2020 The proceedings volume consists of academic papers on decision-making under uncertainty, smart decision, stochastic optimization, management simulation and its applications. It presents some compelling and valuable results on the cutting-edge modeling methods and the practical case studies in the operations management process for power, transportation, and logistics companies.

Prospect Theory Nov 12 2020

Transactions on Rough Sets IV Jun 07 2020 Volume IV of the Transactions on Rough Sets (TRS) introduces a number of new advances in the theory and application of rough sets. Rough sets and - proximationspaceswereintroducedmorethan30yearsagobyZdzis lawPawlak. These advances have profound implications in a number of research areas such as the foundations of rough sets, approximate reasoning, arti?cial intelligence, bioinformatics,computationalintelligence, cognitivescience, intelligentsystems, datamining,machineintelligence,andsecurity. Inaddition,itisevidentfromthe papers included in this volume that the foundations and applications of rough sets is a very active research area worldwide. A total of 16 researchers from 7 countries are represented in this volume, namely, Canada, India, Norway, S- den, Poland, Russia and the United States of America. Evidence of the vigor, breadth and depth of research in the theory and applications of rough sets can be found in the 10 articles in this volume. Prof. Pawlak has contributed a treatise on the philosophical underpinnings of rough sets. In this treatise, observations are made about the Cantor notion of a set, antinomies arising from Cantor sets, the problem of vagueness (es- cially, vague (imprecise) concepts), fuzzy sets, rough sets, fuzzy vs. rough sets as well as logic and rough sets. Among the many vistas and research directions suggested by Prof. Pawlak, one of the most fruitful concerns the model for a rough membership function, which was incarnated in many di?erent forms since its introduction by Pawlakand Skowronin 1994. Recall, here, that Prof.

Conflict and Compromise Sep 10 2020

Discovering the Decisions within Your Business Processes using IBM Blueworks Live Apr 17 2021 In today's competitive, always-on global marketplace, businesses need to be able to make better decisions more quickly. And they need to be able to change those decisions immediately in order to adapt to this increasingly dynamic business environment. Whether it is a regulatory change in your industry, a new product introduction by a competitor that your organization needs to react to, or a new market opportunity that you want to quickly capture by changing your product pricing. Decisions like these lie at the heart of your organization's key business processes. In this IBM®

RedpaperTM publication, we explore the benefits of identifying and documenting decisions within the context of your business processes. We describe a straightforward approach for doing this by using a business process and decision discovery tool called IBM Blueworks LiveTM, and we apply these techniques to a fictitious example from the auto insurance industry to help you better understand the concepts. This paper was written with a non-technical audience in mind. It is intended to help business users, subject matter experts, business analysts, and business managers get started discovering and documenting the decisions that are key to their company's business operations.

Regional Planning and Decision-making Oct 04 2022

Papers Mar 17 2021 Vol. 1- issued as Papers presented at a Peace Research Conference.

Influence of Social Media on Decision-Making of Christian Teenagers Sep 03 2022

Data and knowledge base management systems for decision support Aug 10 2020

Confronting Future Challenges Apr 05 2020 The simultaneous presence of a revolutionary change in information technologies and a growing demand for fundamental changes in the education system have set in motion a reassessment of the relationship among information, research, and decision making. The International Bureau of Education (IBE) considered it necessary to introduce new elements into the discussion based on the conclusions of a series of new case studies on the use of research in the process of educational change and on the ways that educational information and documentation systems function. There are two studies presented here, "Using Research in Educational Policy and Administrative Decision-Making" (Fernando Reimers and Noel McGinn) and "Information Availability and Its Impact on Educational Policy-Making, Planning, and Decision-Making: Implications for Educational Information Services" (Kate Wild), that IBE considers propitious to publish in a single volume. The thesis of the first paper is that supporting decision-making with research-based knowledge is a complex undertaking. A fruitful strategy involves identifying and addressing the multiple groups of stakeholders involved as part of the research process. The purpose of the second paper is to explore the relationship between the availability of information and improvements in the effectiveness of educational systems, particularly, but not exclusively, as it relates to the reporting of research results, and to examine the implications for information and documentation services. The basic objective of this publication is to promote a dialogue among the three main partners in this process--political decision-makers, researchers, and documentalists--based on systematic and up-to-date information. Such a dialogue should lead to a reduction in the rifts, misunderstandings, stereotypes, and obstructions that have often weakened the outcomes of this work. (MAS)

Automated Decision-making in the Public Sector. Artificial Intelligence Vs Administrative Intelligence? Jan 27 2022 Master's Thesis from the year 2020 in the subject Organisation and administration - Public administration, grade: 1,1, Free University of Berlin (Otto-Suhr-Institut), language: English, abstract: The paper is divided in two main parts. The first part introduces the agency theory and its application to two relevant aspects: the agency theory in the public sector and the agency theory involving artificial agents. The second part aims at providing answers to the research questions, by discussing the changes in the agency of the public administrations, as well as the changes in the control methods used to monitor these administrations. Finally, the conclusion summarizes the answer to the research questions, exposes the implications and limits of this paper and offers leads for possible future research on this topic. Automated decision-making (ADM), a type of algorithm which supports decision-making and combines advanced analytics and data minig to make predictions, has been developed in various public sector fields, from predictive policing to healthcare, and is increasingly helping public agents by delivering analysis that they can leverage to make their decisions. This technique involves three main stakeholders: the programmer of the algorithmic system; the user, who is the public agent operating the ADM system; and the individuals affected by the decisions made using ADM. This paper focuses on the consequences on the governance and responsibility of administrations increasingly relying on algorithms to make their decisions. Does the introduction of ADM in public administrations transform their agency? If so, why does this change occur and how does it impact the control methods required to supervise the actions of administrations? The chosen approach is the agency theory, which is suited to deal with delegation, specifically between actors from different contextual backgrounds. France has been chosen as the case-study for this topic, as it has put in place relevant

The Supreme Court May 19 2021 Provides a quantitative history of the development of constitutional law in the United States during the past 150 years.

Digest of the United States Tariff and Customs Laws Jul 29 2019

Artificial Intelligence Applications and Innovations Dec 14 2020 This book constitutes the refereed proceedings of the 9th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2013, held in Paphos, Cyprus, in September/October 2013. The 26 revised full papers presented together with a keynote speech at the main event and 44 papers of 8 collocated workshops were carefully reviewed and selected for inclusion in the volume. The papers of the main event are organized in topical sections on data mining, medical informatics and biomedical engineering, problem solving and scheduling, modeling and decision support systems, robotics, and intelligent signal and image processing.

Report of Proceedings Oct 31 2019 List of members in each vol. (except v. 2).

Paper P2 Management Accounting - Decision Management Jun 19 2021

Some behavioural aspects of information use in decision making Feb 13 2021

HBR's 10 Must Reads on Making Smart Decisions (with featured article "Before You Make That Big Decision..." by Daniel Kahneman, Dan Lovallo, and Olivier Sibony) Nov 24 2021 Learn why bad decisions happen to good managers—and how to make better ones. If you read nothing else on decision making, read these 10 articles. We've combed through hundreds of articles in the Harvard Business Review archive and selected the most important ones to help you and your organization make better choices and avoid common traps. Leading experts such as Ram Charan, Michael Mankins, and Thomas Davenport provide the insights and advice you need to: Make bold decisions that challenge the status quo Support your decisions with diverse data Evaluate risks and benefits with equal rigor Check for faulty cause-and-effect reasoning Test your decisions with experiments Foster and address constructive criticism Defeat indecisiveness with clear accountability

Multiple-Criteria Decision-Making (MCDM) Techniques for Business Processes Information Management Mar 29 2022 Information

management is a common paradigm in modern decision-making. A wide range of decision-making techniques have been proposed in the literature to model complex business and engineering processes. In this Special Issue, 16 selected and peer-reviewed original research articles contribute to business information management in various current real-world problems by proposing crisp or uncertain multiple-criteria decision-making (MCDM) models and techniques, mostly including multi-attribute decision-making (MADM) approaches, in addition to a single paper proposing an interactive multi-objective decision-making (MODM) approach. Particular attention is devoted to information aggregation operators—65% of papers dealt with this item. The topics of this Special Issue gained attention in Europe and Asia. A total of 48 authors from seven countries contributed to this Issue. The papers are mainly concentrated in three application areas: supplier selection and rational order allocation, the evaluation and selection of goods or facilities, and personnel selection/partner selection. A number of new approaches are proposed that are expected to attract great interest from the research community.

The Paradox of Choice Jun 27 2019 Whether we're buying a pair of jeans, ordering a cup of coffee, selecting a long-distance carrier, applying to college, choosing a doctor, or setting up a 401(k), everyday decisions—both big and small—have become increasingly complex due to the overwhelming abundance of choice with which we are presented. As Americans, we assume that more choice means better options and greater satisfaction. But beware of excessive choice: choice overload can make you question the decisions you make before you even make them, it can set you up for unrealistically high expectations, and it can make you blame yourself for any and all failures. In the long run, this can lead to decision-making paralysis, anxiety, and perpetual stress. And, in a culture that tells us that there is no excuse for falling short of perfection when your options are limitless, too much choice can lead to clinical depression. In The Paradox of Choice, Barry Schwartz explains at what point choice—the hallmark of individual freedom and self-determination that we so cherish—becomes detrimental to our psychological and emotional well-being. In accessible, engaging, and anecdotal prose, Schwartz shows how the dramatic explosion in choice—from the mundane to the profound challenges of balancing career, family, and individual needs—has paradoxically become a problem instead of a solution. Schwartz also shows how our obsession with choice encourages us to seek that which makes us feel worse. By synthesizing current research in the social sciences, Schwartz makes the counter intuitive case that eliminating choices can greatly reduce the stress, anxiety, and busyness of our lives. He offers eleven practical steps on how to limit choices to a manageable number, have the discipline to focus on those that are important and ignore the rest, and ultimately derive greater satisfaction from the choices you have to make.

CIMA Examination Text Intermediate Level Feb 25 2022

Decision Making Under Risk and Uncertainty Jan 03 2020 As desired, the infonnation demand correspondence is single valued at equilibrium prices. Hence no planner is needed to assign infonnation allocations to individuals. Proposition 4. For any given infonnation price system p E . P (F *), almost every a E A demands a unique combined infonnation structure (although traders may be indifferent among partial infonnation sales from different information allocations, etc.). In particular, the aggregate excess demand correspondence for net combined infonnation trades is a continuous function. Proof Uniqueness fails only if an agent can obtain the same expected utility from two or more net combined infonnation allocations. If this happens, appropriate slight perturbations of personal probability vectors destroy the equality unless the utility functions and wealth allocations were independent across states. Yet, when utilities and wealths don't depend on states in S, no infonnation to distinguish the states is desired, so that the demand for such infonnation structures must equal zero. To show the second claim, recall that if the correspondence is single valued for almost every agent, then its integral is also single valued. Finally, note that an upper hemicontinuous (by Proposition 2) correspondence which is single valued everywhere is, in fact, a continuous function. [] REFERENCES Allen, Beth (1986a). "The Demand for (Differentiated) Infonnation"; Review of Economic Studies. 53. (311-323). Allen, Beth (1986b). "General Equilibrium with Infonnation Sales"; Theory and Decision. 21. (1-33). Allen, Beth (1990). "Infonnation as an Economic Commodity"; American Economic Review. 80. (268-273).

Applied Decision Analysis Aug 29 2019 Taking advantage of the many specialists visiting Spain prior to the INFORMS Meeting in Barcelona, hold from July 14th to July 17th 1997, we organized a work shop on Decision Analysis Applications at the Real Academia de Ciencias, Madrid, Spain, from J uly 11th to 12th 1997, under the sponsorship of de the Instituto Espaiia. This workshop had a precedent in the International Conference Decision Making: Towards the 21st Century also held at the Real Academia de Ciencias in 1993. The idea of organizing an event, this time devoted to applications of Decision Analysis, was due to Prof. Sixto Rfos, who some four years ago, .sponsored and encouraged by the Royal Academy of Sciences, was the creator of an Interdisciplinary Working Group on Decision Analysis -formed with researchers from within and outside this Academy- which has been active since then, organizing periodical meetings, and whose last project has tumed out into this Workshop. The workshop turned out to be an stimulating opportunity for communicating and discussing the enormous variety of applications of Decision Sciences. In this volume we have included most of the invited papers and a selection of refereed contributed papers. Due to the varied nature of the applications, we have grouped them into five groups ending, as way of an epilog, with a paper by Sarin which contains important insights and reftections on the nature of Decision Analysis in public and private sectors.

Noise Jul 01 2022 THE INTERNATIONAL BESTSELLER 'A monumental, gripping book ... Outstanding' SUNDAY TIMES

Decision Trees for Decision Making Sep 22 2021

The Best Thinking in Business Analytics from the Decision Sciences Institute Dec 26 2021 Today, business success depends on making great decisions - and making them fast. Leading organizations apply sophisticated business analytics tools and technologies to evaluate vast amounts of data, glean new insights, and increase both the speed and quality of decision making. In The Best Thinking and Practices in Business Analytics from the Decision Sciences Institute , DSI has compiled award-winning and award-nominated contributions from its most recent conferences: papers that illuminate exceptionally high-value applications and research on analytics for decision-making. These papers have appeared in no other DSI collection. Explore them here, and you'll discover powerful new opportunities for competitive advantage through analytics. For all business, academic, and organizational professionals concerned with the science of more effective decision-making; and for undergraduate students, graduate students, and certification candidates in all related fields.

Federal Trade Commission Decisions Aug 22 2021