

2023 atlas se with technology

2023 Atlas SE with Technology: A Deep Dive into Hyundai's Tech-Forward SUV

Author: Sarah Chen, Automotive Journalist and Technology Reviewer (10+ years experience covering the automotive industry, specializing in in-car technology and consumer electronics integration).

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1. Introduction: The 2023 Hyundai Atlas SE and its Technological Advancements

The 2023 Hyundai Atlas SE with technology represents a significant step forward for Hyundai in the competitive three-row SUV market. This model isn't just about spacious seating and family-friendly features; it's about integrating cutting-edge technology to enhance safety, convenience, and entertainment for all occupants. This article will delve into the specifics of the 2023 Atlas SE's technological offerings, examining their impact and relevance in the current automotive landscape.

2. Infotainment System: Staying Connected on the Go

The 2023 Atlas SE with technology boasts an upgraded infotainment system, a core element of the overall technological experience. This system, typically featuring a large touchscreen display (size varies depending on trim level), provides intuitive access to various functions. Key features often include Apple CarPlay and Android Auto integration, allowing seamless smartphone connectivity for navigation, music streaming, and communication. Many models also include built-in navigation, providing real-time traffic updates and route optimization. The inclusion of voice recognition further enhances user

experience, allowing drivers to control various functions hands-free, promoting safer driving.

3. Driver-Assistance Systems: Enhancing Safety and Confidence

Safety is paramount, and the 2023 Atlas SE with technology doesn't disappoint. A suite of advanced driver-assistance systems (ADAS) aims to mitigate risks and improve overall safety. These features commonly include:

Forward Collision-Avoidance Assist (FCA): Helps prevent or mitigate collisions with vehicles or pedestrians ahead.

Lane Keeping Assist (LKA): Alerts the driver if the vehicle drifts from its lane and may provide gentle steering correction.

Blind-Spot Collision Warning (BCW): Warns the driver of vehicles in their blind spots.

Rear Cross-Traffic Collision Warning (RCCW): Alerts the driver of approaching vehicles when reversing out of parking spaces.

Adaptive Cruise Control (ACC): Maintains a set distance from the vehicle ahead, adjusting speed automatically.

The inclusion of these features in the 2023 Atlas SE with technology reflects Hyundai's commitment to providing a safe and secure driving experience.

4. Connectivity and Convenience Features: Simplifying the Drive

Beyond the core infotainment and safety systems, the 2023 Atlas SE with technology offers a range of convenience features designed to simplify daily driving. These may include features such as:

Remote Start: Allows the driver to start the engine remotely via a smartphone app.

Wireless Charging: Provides convenient charging for compatible smartphones.

Multiple USB Ports: Ensures all passengers have access to charging capabilities.

Smart Key with Push-Button Start: Offers keyless entry and ignition.

Premium Sound System (optional): Enhances the audio experience for passengers.

These seemingly small details contribute to a more enjoyable and less stressful driving experience, particularly for families on the go.

5. Technology and Family Use: Catering to the Needs of Modern Families

The 2023 Atlas SE with technology is specifically designed to cater to the needs of modern families. The spacious interior provides ample room for passengers and cargo, while the technology features enhance convenience and safety for everyone on board. The infotainment system, with its ability to stream music and play games, can keep children entertained during long journeys. The driver-assistance systems provide peace of mind for

parents, ensuring a safer driving environment for the entire family.

6. Comparison with Competitors: Standing Out in the Crowded SUV Market

The 2023 Atlas SE with technology faces stiff competition from other three-row SUVs in its class. However, Hyundai's focus on integrating advanced technology at a competitive price point sets it apart. While competitors offer similar features, the overall package provided by the Atlas SE, including its value proposition, positions it as a strong contender in the market. A detailed comparison with competitors, examining features and pricing, would highlight the strengths of the 2023 Atlas SE with technology.

7. Future Technological Advancements in the Hyundai Atlas Lineup

Hyundai is continuously developing and incorporating new technologies into its vehicle lineup. Future iterations of the Atlas model could see even more advanced features, such as augmented reality head-up displays, improved driver-assistance capabilities, and fully autonomous driving features. The 2023 Atlas SE with technology represents a stepping stone towards a future where technology plays an even greater role in the driving experience.

8. Conclusion: A Tech-Savvy Choice for the Modern Family

The 2023 Hyundai Atlas SE with technology offers a compelling blend of practicality, spaciousness, and advanced technology. Its comprehensive suite of features, from the intuitive infotainment system to the comprehensive safety features, makes it a strong contender in the crowded three-row SUV market. The value proposition provided by Hyundai makes this technologically advanced SUV an attractive option for families seeking a safe, convenient, and enjoyable driving experience.

9. FAQs

1. What is the screen size of the infotainment system in the 2023 Atlas SE with technology? The screen size varies depending on the specific trim level and options chosen. Check the official Hyundai website for exact specifications.
1. Does the 2023 Atlas SE with technology offer wireless Apple CarPlay and Android Auto? This feature is typically available, but it's essential to verify the specific trim level's specifications.

1. What is the fuel economy of the 2023 Atlas SE with technology? Fuel economy varies based on engine choice and driving conditions. Consult the official EPA fuel economy ratings.
1. What are the warranty terms for the 2023 Atlas SE with technology? Refer to the official Hyundai warranty information for details on the powertrain and bumper-to-bumper coverage.
1. Does the 2023 Atlas SE with technology offer all-wheel drive? All-wheel drive is usually available as an option, but availability might depend on the region and specific trim level.
1. How many passenger seats does the 2023 Atlas SE with technology have? The standard configuration offers seating for seven or eight passengers.
1. What safety features are standard in the 2023 Atlas SE with technology? Refer to the official Hyundai website for a complete list of standard safety features for the specific trim level.
1. What is the starting price of the 2023 Atlas SE with technology? Pricing varies by region and dealer, so it's best to check with a local Hyundai dealership for current prices.
1. Does the 2023 Atlas SE offer a panoramic sunroof? This feature is often available as an option, but availability depends on the trim level and regional specifications.

10. Related Articles:

1. 2023 Hyundai Atlas SE vs. Kia Telluride: A Detailed Comparison: This article provides a head-to-head comparison of the Hyundai Atlas SE and its main competitor, the Kia Telluride, highlighting key differences in features, technology, and pricing.

1. Top 10 Tech Features in the 2023 Hyundai Atlas SE: This article lists the ten most noteworthy technological features of the 2023 Atlas SE, focusing on their functionality and benefits.
1. Understanding Hyundai's SmartSense Safety Suite in the 2023 Atlas SE: This piece provides an in-depth look at Hyundai's SmartSense driver-assistance system and its role in enhancing safety in the Atlas SE.
1. Is the 2023 Hyundai Atlas SE a Good Family SUV? A Parent's Perspective: This article focuses on the suitability of the Atlas SE for families, considering its space, technology, and safety features.
1. Review: Infotainment System in the 2023 Hyundai Atlas SE: A dedicated review of the infotainment system's user interface, features, and overall performance.
1. How to Use the Driver-Assistance Features in the 2023 Hyundai Atlas SE: A practical guide explaining how to use and benefit from the various driver-assistance features available in the Atlas SE.
1. 2023 Hyundai Atlas SE: Fuel Efficiency and Performance: A detailed analysis of the fuel efficiency and overall performance of the Atlas SE, including various engine options and driving conditions.
1. The 2023 Hyundai Atlas SE: A Comprehensive Maintenance Guide: This article provides practical tips and information on maintaining the Atlas SE to keep it running efficiently.
1. Comparing Trim Levels: Which 2023 Hyundai Atlas SE Trim is Right for You? This article helps buyers understand the differences between various trim levels of the 2023 Hyundai Atlas SE to aid in making an informed purchase decision.

2023 atlas se with technology: Translation, Interpreting and Technological Change

Marion Winters, Sharon Deane-Cox, Ursula Böser, 2024-05-16 The digital era is characterised by technological advances that increase the speed and breadth of knowledge turnover within the economy and society. This book examines the impact of these technological advances on translation and interpreting and how new technologies are changing the very nature of language and communication. Reflecting on the innovations in research, practice and training that are associated with this turbulent landscape, chapters consider what these shifts mean for translators and interpreters. Technological changes interact in increasingly complex and pivotal ways with demographic shifts, caused by war, economic globalisation, changing social structures and patterns of mobility, environmental crises, and other factors. As such, researchers face new and often cross-disciplinary fields of inquiry, practitioners face the need to acquire and adopt novel skills and approaches, and trainers face the need to train students for working in a rapidly changing landscape of communication technology. This book brings together advances and challenges from the different but intertwined perspectives of translation and interpreting to examine how the field is changing in this rapidly evolving environment.

2023 atlas se with technology: Technical and Technological Solutions Towards a Sustainable Society and Circular Economy Jamal Mabrouki,

2023 atlas se with technology: Progress in Landslide Research and Technology, Volume 1 Issue 1, 2022 Kyoji Sassa, Kazuo Konagai, Binod Tiwari, Željko Arbanas, Shinji Sassa, 2023-01-10 This open access book provides an overview of the progress in landslide research and technology and is part of a book series of the International Consortium on Landslides (ICL). The book provides a common platform for the publication of recent progress in landslide research and technology for practical applications and the benefit for the society contributing to the Kyoto Landslide Commitment 2020, which is expected to continue up to 2030 and even beyond to globally promote the understanding and reduction of landslide disaster risk, as well as to address the 2030 Agenda Sustainable Development Goals.

2023 atlas se with technology: Translation and Neoliberalism Ali Jalalian Daghigh,

2023 atlas se with technology: Securing AI Model Weights Sella Nevo, Dan Lahav, Ajay Karpur, Yogev Bar-On, Henry Alexander Bradley, 2024-05-30 The authors describe how to secure the weights of frontier artificial intelligence and machine learning models (that is, models that match or exceed the capabilities of the most advanced models at the time of their development).

2023 atlas se with technology: Atlas of a Threatened Planet Esther Gonstalla, 2024-09-10 How does our climate actually work? Should we worry about the global supply of drinking water? And can technology help reverse the damage we've done to the Earth? In *Atlas of a Threatened Planet*, award-winning book and graphic designer Esther Gonstalla digs into these questions and many more through her attractive and easy-to-understand infographics. Gonstalla turns her designer's eye to the most critical threats to our environment, from shrinking glaciers and declining biodiversity to shifting ocean currents. These accessible and fun illustrations will show readers that, although the threats are grave, not all is lost. Changes in technology, infrastructure, and our outlook can still help us protect the places we love. *Atlas of a Threatened Planet* will spark your curiosity and invite you to see the Earth in a new way. It is written for all who want to understand the interlocking pieces of our home--and fight for the best ideas and strategies to save it.

2023 atlas se with technology: Nihilism and Technology Nolen Gertz, 2024-06-04 Artificial intelligence. Robot workers. Commercial space travel. These are no longer ideas of science fiction. They are increasingly the headlines in the daily news. From Hollywood to higher education, everyone is racing to figure out how to exploit these new technologies and use them to solve all our problems—especially problems related to another subject dominating headlines: the climate change crisis. Given the existential threat of environmental disaster, we now look to the technologies we

once thought impossible to do the impossible, to save us from climate change. Of course, looking to superhuman beings to save us from ourselves is nothing new. This is why turning to Friedrich Nietzsche's philosophy of nihilism can help us to understand our current predicament, to understand the danger of trying to escape from reality by embracing technological fantasies. This updated edition expands the investigation into the relationship between nihilism and technology to include new topics like why AI doesn't exist, why ChatGPT shouldn't exist, and why climate change can't be solved by nihilism.

2023 atlas se with technology: Emotional Inheritance Galit Atlas, 2022-01-25

Award-winning psychoanalyst Dr. Galit Atlas draws on her patients' stories—and her own life experiences—to shed light on how generational trauma affects our lives in this intimate, textured, compassionate book (Jon Kabat-Zinn, author of *The Healing Power of Mindfulness*). The people we love and those who raised us live inside us; we experience their emotional pain, we dream their memories, and these things shape our lives in ways we don't always recognize. *Emotional Inheritance* is about family secrets that keep us from living to our full potential, create gaps between what we want for ourselves and what we are able to have, and haunt us like ghosts. In this transformative book, Galit Atlas entwines the stories of her patients, her own stories, and decades of research to help us identify the links between our life struggles and the “emotional inheritance” we all carry. For it is only by following the traces those ghosts leave that we can truly change our destiny.

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Trevor Dummer,

2023 atlas se with technology: TBG2023 ABM, Asia Bike Media(ABM) - TBG2023

2023 atlas se with technology: Media Compass Aljosha Karim Schapals, Christian Pentzold, 2024-08-22 An extensive and inclusive account of the media environments of 45 countries worldwide In *Media Compass: A Companion to International Media Landscapes*, an international team of prominent scholars examines both long-term media systems and fluctuating trends in media usage around the world. Integrating country-specific summaries and cross-cutting studies of geopolitical regions, this interdisciplinary reference work describes key elements in the political, social, demographic, cultural, and economic conditions of media infrastructures and public communication. Enabling the mapping of media landscapes internationally, *Media Compass* contains up-to-date empirical surveys of individual countries and regions, as well as cross-country comparisons of particular areas of public communication. 45 entries, each guiding readers from a general summary to a more in-depth discussion of a country's specific media landscape, address formative conditions and circumstances, historical background and development, current issues and challenges, and more. Designed to facilitate quick lookup of individual entries, as well as comparative readings of a country's position in the wider media environment, *Media Compass: A Companion to International Media Landscapes* is an invaluable addition to libraries and institutions of higher education, and a must-read volume for students, educators, scholars, and practitioners working in communication and media studies, journalism, and media production.

2023 atlas se with technology: *The Unruly Ocean* Erika Techera, Joy McCann, 2024-11-13

This book introduces non-specialist readers to the history of how human societies have sought to control, use and exploit our oceans, seas and shorelines over time in different geographical and cultural contexts. *The Unruly Ocean* examines the development of the modern international legal regime – the law of the sea, maritime law, marine environmental and pollution law, fisheries regulation, and underwater cultural heritage law – and considers how effective these laws have been in addressing the many challenges facing marine and coastal environments ranging from piracy and war to oil spills and the extraction of marine resources. It concludes by discussing the socio-ecological crises facing the world's oceans, seas and shorelines, and explores current ideas for reimagining a legal regime that restores the health of our oceanic realm and offers a more holistic, transboundary, rights-based approach to ocean governance. This book will be of value to law and non-law undergraduate and postgraduate students, as well as research scholars and other educated

audiences interested in a legal history of the world's oceans, seas and shorelines.

2023 atlas se with technology: Artificial Intelligence for Supporting Human Cognition and Exploratory Learning in the Digital Age Pedro Isaias,

2023 atlas se with technology: Systems and Innovation Research in Transition Jakob Edler,

2023 atlas se with technology: Insights into the New Hydrogen Economy William J. Nuttall,

2023 atlas se with technology: Towards Embodied Performance Rachel Dickstein, 2024-06-07
Towards Embodied Performance invites directors and other generative performance makers to experiment with making their own original, visually stunning, sonically immersive, and physically rigorous embodied performance. Through historical context, the author's 30-plus years of experience, and original interviews with leading theatre artists, this book sets the stage for a new generation of artists building boundary-breaking work. Directors are often categorized into one of only two frameworks: the Stanislavskian director, whose method is based on text analysis and character wants and needs, and the "auteur" director, whose work might focus on visual spectacle at the expense of text or character objectives. This book argues that the director of embodied performance fuses these two approaches, acting as the author of the event. In Part I, readers will explore the core elements of embodied performance – space, time, body, language, and action – through a lens that bridges traditional directing methodology with experimental, devised, collaborative theatre-making. Part II provides examples of this embodied practice by multi-disciplinary artists in visual and sound installation, video and film, dance-theatre, and new music/opera, including such artists as Shirin Neshat, James Turrell, Bill T. Jones, Janet Cardiff, Okwui Okpokwasili, William Kentridge, and Heather Christian. Part III suggests creative prompts and exercises for performance makers to engage the visual, physical, textual, and sonic in compositional storytelling on stage. Towards Embodied Performance is an invaluable resource for theatre directors, devisers, and generative artists at all levels from students to teachers, from early-career to mid-career artists. Directors, actors, choreographers, designers, composers, writers, scholars, and engaged audience members can all use this text to explore collaboratively created performance that invites its audience into the ripest version of the present moment.

2023 atlas se with technology: Property Rights in Outer Space Matthew Johnson, 2024-05-28
This book explores the role of private mining rights in the utopian imaginary of space colonisation. It presents a transdisciplinary account of the new and evolving legislative frameworks that have been established in anticipation of commercial exploitation of the mineral resources of the off-world frontier. Written in an engaging style, the book investigates a novel case study in the history of capitalism and 'the commons': the emergence of a nascent space mining industry, undergirded by a contentious legislative framework. In 2015, the US passed laws that would recognise the claims of US corporations to own and sell space resources. This unilateral act of pre-emptive law-making would appear to contravene the terms of the UN Outer Space Treaty (1967), which declared that the exploration and use of outer space should be 'for the benefit of all mankind' and 'not subject to national appropriation'. Using this central dynamic between privately held mining rights and outer space as a 'global commons', Matthew Johnson constructs an historical sociology of space mining – from the deep historical roots of common and private property to the contemporary networks of neoliberalism that have engaged with the commercialisation of space activity. The anticipatory expansion of private property claims beyond the Earth both resonates with and problematises the 'terrain' of political history, such as the tensions between states and markets, public law and private power, 'the commons' and exclusive property. The emerging cosmopolitics of off-world private property mirrors (and is often explicitly embedded within) neoliberal geopolitics, prompting urgent questions about how we can reaffirm principles of democracy and 'common heritage' in the international laws of Earth and space. This book is compelling reading for anyone interested in the social study of space, law, economics, technology, politics and property rights.

2023 atlas se with technology: Diabetes Digital Health, Telehealth, and Artificial Intelligence David C. Klonoff, David Kerr, Juan Espinoza, 2024-06-14 Diabetes Digital Health, Telehealth, and

Artificial Intelligence explains how to develop and use the emerging technologies of digital health, telehealth, and artificial intelligence to address this important public health problem to deliver new hardware, software, and processes. The book explores trends in developing and deploying the three most important emerging technologies for diabetes: digital health, telehealth, and artificial intelligence. This book is essential to clinicians, scientists, engineers, industry professionals, regulators, and investors, offering the tools that will be used to create the next generation products to support a precision medicine approach to manage diabetes. According to the CDC, in the US there are 37 million people with diabetes and 96 million people with prediabetes. Diabetes triples the risk of myocardial infarction and stroke and is the leading cause of blindness, end stage renal failure, and amputations. The management of diabetes is becoming increasingly dominated by digital health tools consisting of wearable sensors, mobile applications providing decision support software, and wireless communication tools. Digital health provides new data streams that can be combined to create unique approaches for diabetes based on a precision medicine paradigm. - Includes Artificial intelligence (AI) data for the prediction, diagnosis, treatment, and prognostication for diabetes as a model disease - Describes the most important issues of our time that comprise the most important technologies currently being applied to diabetes - Presented in a consistent easy to help those new to the field understand and compare/contrast various elements of digital health, telehealth, and artificial intelligence for diabetes

2023 atlas se with technology: Modelling and Simulation for Autonomous Systems Jan Mazal,

2023 atlas se with technology: Johnson's New General Cyclopaedia and Copperplate Hand-atlas of the World , 1885

2023 atlas se with technology: The Unmanned Systems and Artificial Intelligence Revolution
Dr. Terence M. Dorn, 2024-06-27 This book completes my unmanned systems trilogy and provides an update on the capabilities and threat potential of Unmanned Systems since my previous two books, entitled Unmanned Systems: Savior or Threat and The Importance and Vulnerabilities of U.S. Critical Infrastructure to Unmanned Systems and Cyber. The U.S. Congress and military services claim humans will control artificial intelligence (AI)-enhanced autonomous weapon systems, yet they are severely mistaken. The age of autonomous warfare has already arrived, and its incorporation of AI has begun. Our strategic competitors know that AI will digest volumes of information and make decisions far faster than human beings. They have already been unleashed without a human in the loop to authorize engagements against human beings. Our world is embroiled in a technological revolution with unmanned systems and the meteoric rise of more responsive and innovative AI algorithms. These two entities are not in their infancy, for they have emerged and grown immensely in capability, potential, and threat. There is a fierce, modern-day race among countries to conduct research and development to get improved unmanned systems and AI out to military forces, governments, companies, and the general populace. By combining armed and autonomous unmanned systems with AI, we are leap-frogging humanity past science fiction movies towards real-world militarized, AI-enhanced, autonomous unmanned systems and, quite possibly, Skynet.

2023 atlas se with technology: Energy Efficiency of Modern Power and Energy Systems
Shady H E Abdel Aleem, Murat Erhan Balci, Muhyaddin Jamal Hosin Rawa, 2024-08-15 Energy Efficiency and Management of Power and Energy Systems introduces students and researchers to a broad range of power system management challenges, technologies, and solutions. This book begins with an analysis of system technology's current state, the most pressing problems, and the background to challenges in integrating renewable energy sources. Technologies including smart grids, green building, and worker requirements are covered. Subsequent chapters break down potential management solutions, including specific problem-solving for solar, wind, and hybrid systems. Finally, specific case studies from a global geographical range zero in on critical questions facing the present industry. Providing meticulously researched literature reviews for guiding deeper reading, Energy Efficiency and Management of Power and Energy Systems leads readers from contextual understanding to specific case studies and solutions for sustainable power systems. -

Addresses the challenges and solutions related to integrating renewable energy sources into the power grid, focusing on maintaining power quality and enhancing energy efficiency - Provides a comprehensive reference with extensive guidance on deeper reading - Develops understanding and solution design using case studies from a global range of geographies with differing power needs and resources - Guides readers through evaluation and analysis of the capabilities and limitations of a range of modern technologies

2023 atlas se with technology: The Atlas of Economic Complexity Ricardo Hausmann, Cesar A. Hidalgo, Sebastian Bustos, Michele Coscia, Alexander Simoes, 2014-01-17 Maps capture data expressing the economic complexity of countries from Albania to Zimbabwe, offering current economic measures and as well as a guide to achieving prosperity Why do some countries grow and others do not? The authors of The Atlas of Economic Complexity offer readers an explanation based on Economic Complexity, a measure of a society's productive knowledge. Prosperous societies are those that have the knowledge to make a larger variety of more complex products. The Atlas of Economic Complexity attempts to measure the amount of productive knowledge countries hold and how they can move to accumulate more of it by making more complex products. Through the graphical representation of the Product Space, the authors are able to identify each country's adjacent possible, or potential new products, making it easier to find paths to economic diversification and growth. In addition, they argue that a country's economic complexity and its position in the product space are better predictors of economic growth than many other well-known development indicators, including measures of competitiveness, governance, finance, and schooling. Using innovative visualizations, the book locates each country in the product space, provides complexity and growth potential rankings for 128 countries, and offers individual country pages with detailed information about a country's current capabilities and its diversification options. The maps and visualizations included in the Atlas can be used to find more viable paths to greater productive knowledge and prosperity.

2023 atlas se with technology: Leadership Fundamentals for Cybersecurity in Public Policy and Administration Donavon Johnson, 2024-09-11 In an increasingly interconnected and digital world, this book provides comprehensive guidance on cybersecurity leadership specifically tailored to the context of public policy and administration in the Global South. Author Donavon Johnson examines a number of important themes, including the key cybersecurity threats and risks faced by public policy and administration, the role of leadership in addressing cybersecurity challenges and fostering a culture of cybersecurity, effective cybersecurity governance structures and policies, building cybersecurity capabilities and a skilled workforce, developing incident response and recovery mechanisms in the face of cyber threats, and addressing privacy and data protection concerns in public policy and administration. Showcasing case studies and best practices from successful cybersecurity leadership initiatives in the Global South, readers will gain a more refined understanding of the symbiotic relationship between cybersecurity and public policy, democracy, and governance. This book will be of keen interest to students of public administration and public policy, as well as those professionally involved in the provision of public technology around the globe.

2023 atlas se with technology: Assured Access to Space United States. Congress. Senate. Committee on Armed Services. Subcommittee on Strategic Forces, United States. Congress. Senate. Committee on Commerce, Science, and Transportation, 2015

2023 atlas se with technology: Introduction to Human Communication Susan R. Beauchamp, Stanley J. Baran, 2024-01-02 In Introduction to Human Communication, Third Edition, authors Susan R. Beauchamp and Stanley J. Baran show students how central successful communication is to gaining effective control over perception, meaning making, and identity.

2023 atlas se with technology: Identification of Biomarkers for Cancer Immunotherapy: From Bench to Bedside, volume I Chang Gu, Qingyuan Huang, Haoran Liu, Amr Ahmed El-Arabey, 2023-10-20 During the past few decades, immunotherapy has become an established pillar of cancer treatment improving the survival of numerous patients with diverse solid and

hematologic tumors. The leading causes behind the success are the discovery of immune checkpoint inhibitors (ICIs) and the development of chimeric antigen receptor (CAR) T/M/NK cells. As for ICIs, malignancies take advantage of the inhibitory programmed cell death protein 1/programmed cell death protein ligand 1 (PD-1/PD-L1) or cytotoxic T-lymphocyte-associated protein (CTLA-4) pathways to evade the immune system, and disruption of the axis by immune checkpoint inhibitors can achieve durable disease remissions, which has been proved by basic researches and (pre-) clinical studies among lung cancer, melanoma, renal cell cancer, head, and neck squamous cell carcinoma, urothelial cancer, and Hodgkin's disease. However, the 5-year survival rate of patients treated with ICIs varies with each individual and also relies on tumor specific pathological or molecular subtypes. Besides, the efficacy of ICIs is still limited in terms of drug resistance and fewer potential responders. Thus, there is a big challenge to identify and develop more novel reliable ICIs, as well as sensitize existing ICIs for patients with drug resistance or even for non-responders.

2023 atlas se with technology: Intelligent Manufacturing and Industry 4.0 Alka Chaudhary, Vandana Sharma, Ahmed Alkhayyat, 2024-11-27 The use of intelligence in manufacturing has emerged as a fascinating subject for academics and businesses everywhere. This book focuses on various manufacturing operations and services which are provided to customers to achieve greater manufacturing flexibility, as well as widespread customization and improved quality with the help of advanced and smart technologies. It describes cyber-physical systems and the whole product life cycle along with a variety of smart sensors, adaptive decision models, high-end materials, smart devices, and data analytics. Intelligent Manufacturing and Industry 4.0: Impact, Trends, and Opportunities focuses on Intelligent Manufacturing and the design of smart devices and products that meet the demand of Industry 4.0, manufacturing and cyber-physical systems, along with real-time data analytics for Intelligent Manufacturing. The usage of advanced smart and sensing technologies in Intelligent Manufacturing for healthcare solutions is discussed as well. Popular use cases and case studies related to Intelligent Manufacturing are addressed to provide a better understanding of this topic. This publication is ideally designed for use by technology development practitioners, academicians, data scientists, industry professionals, researchers, and students interested in uncovering the latest innovations in the field of Intelligent Manufacturing. Features: Presents cutting-edge manufacturing technologies and information to maximise product exchanges and production Discusses the improvement in service quality, product quality, and production effectiveness Conveys how a manufacturing company's competitiveness can increase if it can manage the turbulence and changes in the global market Presents how intelligence production is essential in Industry 4.0 and how Industry 4.0 offers greater manufacturing flexibility, as well as widespread customisation, improved quality, and increased productivity Covers the ways businesses handle the challenges of generating an increasing number of customised items with quick time to market and greater quality Includes popular use cases and case studies related to intelligent manufacturing to provide a better understanding of this discipline

2023 atlas se with technology: Governing Smart Cities as Knowledge Commons Brett M. Frischmann, Michael J. Madison, Madelyn Rose Sanfilippo, 2023-01-31 Explores best practices in the governance of data and technology in a variety of cities and public spaces.

2023 atlas se with technology: The Landscape of Global Health Inequity Barbara W. K. Son, **2023 atlas se with technology: Contemporary Trends in Innovative Marketing Strategies** Barbosa, Belem, 2024-02-19 In global commerce, marked by the relentless advance of digital technology, businesses find themselves constantly challenged to devise innovative and disruptive marketing strategies. Adapting to these changes is no longer a choice but a necessity. To thrive, companies must remain vigilant, updating their resources and adopting emerging trends with unwavering agility. Contemporary Trends in Innovative Marketing Strategies explores the demands and dynamics of modern marketing. This book is tailored to meet the needs of students, educators, and managers seeking a profound understanding of today's marketing trends. Firstly, the book delves deep into the current trends steering marketing innovation. It dissects the latest developments that are reshaping the marketing landscape, identifies pivotal trends, and elucidates

their ramifications for businesses. Secondly, the book embarks on a journey to explore innovative marketing strategies engineered to confront contemporary business challenges and seize emerging opportunities. It unlocks novel approaches that adeptly cater to the market, providing insights into strategic frameworks, methodologies, and practices. Lastly, the book illustrates these concepts with real-world case studies, offering proof of innovative marketing's successful applications across diverse business sectors. These cases serve to inspire and demonstrate how innovative marketing strategies can be put into action, resulting in tangible outcomes. This book is designed for a diverse audience, including academics and students keen on exploring the latest trends in innovative marketing, educators searching for compelling case studies to enhance their teaching materials, and practitioners eager to bridge the gap between research and practical application in innovative marketing.

2023 atlas se with technology: Innovation in the Anthropological Perspective Julia C. Gluesing, Christine Miller, Helga Wild, 2024-07-30 Innovation is a constant in human life and organization, arising from within a context-based culture of social structures and beliefs. This book re-examines the processes, practices, and mechanisms of innovation from an anthropological perspective, offering a theory of innovation as a dynamic multidimensional system. It uses methods and stories across a broad arc of time, place, social and cultural context, and subject matter. The chapters explore the intersection of virtual, local, and global dynamics and deepen our understanding of aspects and dimensions of innovation that challenge common perceptions, particularly in business and organizational environments. The approach aims to situate innovation in an integrated view of human and non-human ecologies, and to create common ground for a new form of research and practice.

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