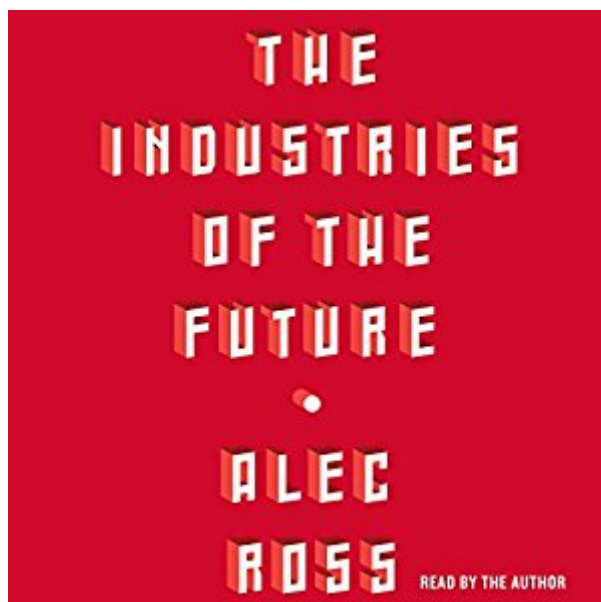# The Industries Of The Future

Synopsis

Leading innovation expert Alec Ross explains what's next for the world, mapping out the advances and stumbling blocks that will emerge in the next 10 years - for businesses, governments, and the global community - and how we can navigate them. While Alec Ross was working as Hillary Clinton's senior advisor on innovation, he traveled to 41 countries. He visited some of the toughest places in the world - from refugee camps of Congo to Syrian war zones. From phone-charger stands in Eastern Congo to R&D labs in South Korea, Ross has seen what the future holds. Over the past two decades, the Internet has radically changed markets and businesses worldwide. In The Industries of the Future, Ross shows us what's next, highlighting the best opportunities for progress and explaining why countries thrive or sputter. He examines the specific fields that will most shape our economic future over the next 10 years, including cybercrime and cybersecurity; the commercialization of genomics; the next step for big data; and the coming impact of digital technology on money, payments, and markets. And in each of these realms, Ross addresses the toughest questions: How will we have to adapt to the changing nature of work? Is the prospect of cyberwar sparking the next arms race? How can the world's rising nations hope to match Silicon Valley in creating their own innovation hotspots? Ross blends storytelling and economic analysis to give a vivid and informed perspective on how sweeping global trends are affecting the ways we live, incorporating the insights of leaders ranging from tech moguls to defense experts. The Industries of the Future takes the intimidating, complex topics that many of us know to be important and boils them down into clear, plain-spoken language. This is an essential work for understanding how the world works - now and tomorrow - and a must-listen for businesspeople in every sector, from every country.

Book Information

Audible Audio Edition

Listening Length: 8 hoursÂ andÂ 48 minutes

Program Type: Audiobook

Version: Unabridged

Publisher: Simon & Schuster Audio

Audible.com Release Date: February 2, 2016

Whispersync for Voice: Ready

Language: English

ASIN: B01973762K

Customer Reviews

The Industries of the Future by Alec Rossâ œThe Industries of the Futureâ • is an informative and accessible book about the next economy and how this next wave of innovation will affect our societies. Leading expert on innovation and former Senior Advisor for Innovation to Secretary of State Hillary Clinton, Alec Ross, explores the industries that will drive the next 20 years of change. This 320-page insightful book includes the following six chapters: 1. Here Come the Robots, 2. The Future of the Human Machine, 3. The Code-ification of Money, Markets, and Trust, 4. The Weaponization of Code, 5. Data: The Raw Material of the Information Age, and 6. The Geography of Future Markets.Positives:1. A well-researched, well-written book.2. An interesting topic in the hands of a gifted author: the industries of the future that will transform our societies in the next 20 years.3. A good format. The book includes six chapters each covering topics of interest such as: robotics, advanced life sciences, the code-ification of money, cybersecurity, and big data.4. Factoids abound throughout this book. â œAbout 70 percent of total robot sales take place in Japan, China, the United States, South Korea, and Germanyâ ”known as the â œbig fiveâ • in robotics.â • â œWith 78 organs, 206 bones, and 640 muscles, not to mention up to 25,000 genes, our bodies are complicated machines.â •5. A fascinating look at robots and where there are more likely to emerge.6. Concepts worth discussing, singularity. â œWithin the robotics community, the future of technology is wrapped up in the concept of singularity, the theoretical point in time when artificial intelligence will match or surpass human intelligence.â •7. Cool technology for the near future.

The Industries of the Future, by former State Department Senior Advisor Alec Ross, is a compelling exploration of the conditions businesses and countries need to optimize in order to be successful in the decades to come. It borrows extensively from his time traveling the world in the federal governmentâ ™s service, which means that his examples are unexpectedly diverse and shared in such a way that is only possible when the author has experienced something first-hand.The â ˆindustries of the futureâ ™ in the context of this book are not familiar verticals such as healthcare, manufacturing, or financial services, but the shifting paradigms that will govern future business. As Ross states in the introduction, â œThis book is about the next economy. It is written for everyone

who wants to know how the next wave of innovation and globalization will affect our countries, our societies, and ourselvesâ • (p. 6-7). Competitiveness is a function of all three dimensions, and it assumes that connectivity (and therefore interdependence) will only increase in the future.Advances in robotics play in important role throughout the book, and my only disappointment is that Ross confines his robotics discussions to traditional (mechanical) robots as opposed to including their newer software-based counterparts. While Robotic Process Automation (RPA) is a relatively new service delivery model, and serves a different role for individuals and businesses than physical robots such as Hondaâ ™s ASIMO do, some of the human acceptance barriers seen in traditional robotics still apply. The need to lower costs and fulfill tactical service requirements drive robotics innovation and interest, but people continue to have trouble â ˆbondingâ ™ with these automated support systems.

The Industries of the Future The City of Tomorrow: Sensors, Networks, Hackers, and the Future of Urban Life (The Future Series) The Well-Tempered City: What Modern Science, Ancient Civilizations, and Human Nature Teach Us About the Future of Urban Life Energy Accounts: Architectural Representations of Energy, Climate, and the Future Moholy-Nagy: Future Present The Third Wave: An Entrepreneur's Vision of the Future Wolf Haven: Sanctuary and the Future of Wolves in North America Spanish: Verbs Fast Track Learning: The 100 Most Used Spanish Verbs with 3600 Phrase Examples: Past, Present and Future The Laws of Lifetime Growth: Always Make Your Future Bigger than Your Past The Grid: The Fraying Wires Between Americans and Our Energy Future Live Smart: Preparing for the Future God Wants for You Rediscovering God in America: Reflections on the Role of Faith in Our Nation's History and Future A Faith for the Future: Church's Teachings for a Changing World: Volume 3 (Church Teachings for Changing the World) Building Maintainable Software, C# Edition: Ten Guidelines for Future-Proof Code Low Energy Low Carbon Architecture: Recent Advances & Future Directions (Sustainable Energy Developments) Neurotribes: The Legacy of Autism and the Future of Neurodiversity The Inevitable: Understanding the 12 Technological Forces That Will Shape Our Future Progress: Ten Reasons to Look Forward to the Future Stronger Together: A Blueprint for America's Future Plunder and Deceit: Big Government's Exploitation of Young People and the Future