The Data Industry. The Business and Economics of Information and Big Data

Description: Provides an introduction of the data industry to the field of economics

This book bridges the gap between economics and data science to help data scientists understand the economics of big data, and enable economists to analyze the data industry. It begins by explaining data resources and introduces the data asset. This book defines a data industry chain, enumerates data enterprises’ business models versus operating models, and proposes a mode of industrial development for the data industry. The author describes five types of enterprise agglomerations, and multiple industrial cluster effects. A discussion on the establishment and development of data industry related laws and regulations is provided. In addition, this book discusses several scenarios on how to convert data driving forces into productivity that can then serve society. This book is designed to serve as a reference and training guide for data scientists, data-oriented managers and executives, entrepreneurs, scholars, and government employees.

- Defines and develops the concept of a Data Industry, and explains the economics of data to data scientists and statisticians
- Includes numerous case studies and examples from a variety of industries and disciplines
- Serves as a useful guide for practitioners and entrepreneurs in the business of data technology

The Data Industry: The Business and Economics of Information and Big Data is a resource for practitioners in the data science industry, government, and students in economics, business, and statistics.

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