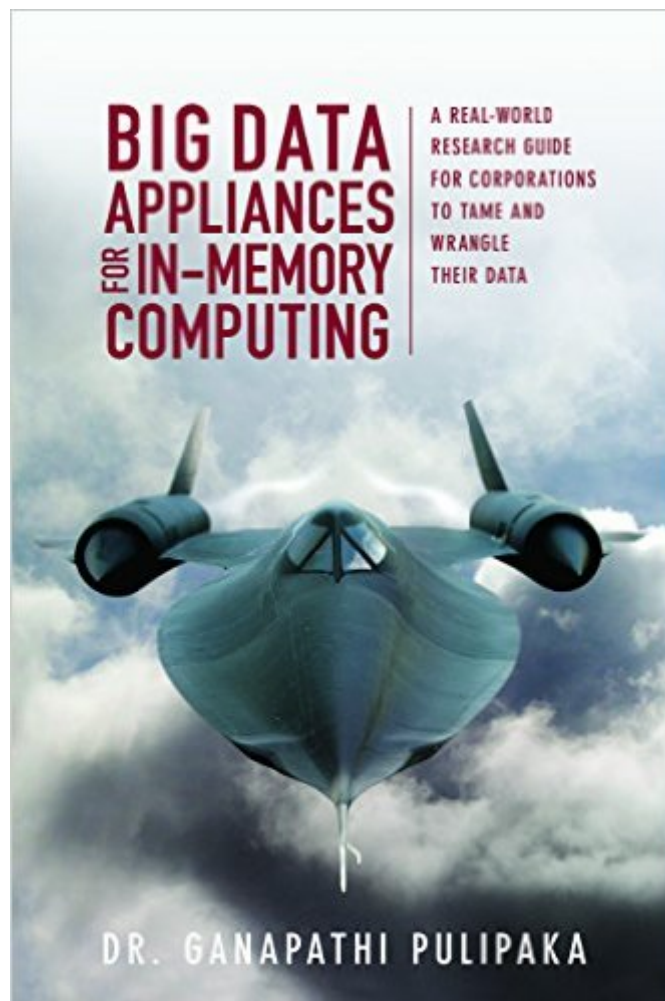


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# Big Data Appliances For In-Memory Computing: A Real-World Research Guide For Corporations To Tame And Wrangle Their Data



## Synopsis

**#1 BESTSELLER** This book is a scientific expedition to research and explore the enterprise-grade big data appliances with blended OLTP and OLAP capabilities. Enterprise database systems with the aid of big data analytics create an intelligent ecosystem by taming and wrangling the data coming from extreme-disparate sources of structured and unstructured channels with massive parallelization techniques to discover, visualize, predict, and action the patterns and trends of mashups of big data. The book delves deeper into the research results of industry relevant case studies with the disruption of in-memory computing platform innovation that diffuses high-speed computing and dynamic performance for business applications and explores how these modern big data analytics tools shape the future of aerospace, automotive, consumer goods and beverages, healthcare, government services, high tech, and public sector industries.

## Book Information

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## Customer Reviews

BOOK REVIEW(28-March-2016)Title: Big Data Appliances for In-Memory ComputingAuthor:

Ganapathi PulipakaPublisher: High-Performance Computing Institute of TechnologyPages:

210ISBN: 978-0692599570Print:Kindle:Audience: SAP HANA Developers, IT Professionals,

Doctoral Students, Professors, and Organizational Business Managers.Rating: 5Reviewer: ThienSi

Le Dr. Pulipaka's book presents a scholarly research guide for corporations or high-tech

organizations to use SAP HANA (Systems, applications, and products) "High-performance analytic

appliance) for robustly elaborating their big data (D) for meaningful information (I), holistic knowledge (K) and professional wisdom (W). SAP HANA provides an insight of DIKW that will help organizations to conduct of the effective business strategy and achieve four objectives: (a) making a practical and strategic decision, (b) improving business performance, (c) increasing organizational productivity, and (d) gaining and sustaining the competitive edge in the dynamic market locally and globally. SAP HANA is an in-memory computing platform in data processing developed by SAP. The qualitative studyâ€™s purpose on SAP HANA is to determine big data technologies for analyzing smart computing capabilities and to provide recommendations for friendly and cost-effective big data solution.

Chapter 1 Introduction In the first chapter, Dr. Pulikapa discussed the background of the problem eruditely, problem statement, studyâ€™s purpose, the significance of the study, research questions, assumptions, limitations, and delimitations, and presents SAP HANA conceptual framework.

Must read book and worth every penny of the money. The book is loaded with immense wealth of information if you can grasp! What is great about the book:

- \* Author's vast experience clearly reflects in the book, unlike few pure academics who talk only theory
- \* Author must have spent a real hard time in getting to know each of the competing products (often using their own terminology, confusing anyone who tries to compare them to their competition). The level of detail he studied them is highly remarkable, as I believe it is impossible for one person to study so many products which are rapidly evolving and changing every 6 months
- \* The book clearly reflects the author's skill in reconciling disparate things and subject multiple vendor offerings under the same lens of examination - very crucial for a novice who is clueless on where to start and whose advise to follow

Who could get benefit from this book:

- \* Professionals starting their career shift into Big data, Analytics, Business Intelligence, Information Management, Data Science etc
- \* Academic Researchers wanting to quickly get a grasp on the totality of this space before deciding where they want to do their own in-depth further research
- \* Technology Evangelists eager to know about new technologies
- \* IT Managers who are responsible for vendor selection & product evaluation
- \* CIOs with a desire to transform their IT into
- \* College students, especially IT branches of Engineering & PGI am a professional in IT sales, development, research for about 2 decades, sold IBM Puredata System and many IBM Analytics solutions to numerous customers, did multiple university guest lectures on the topics like cognitive computing. I myself found this book fascinating and expanding.

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