

# Table of Contents

<b>Part I:</b>	<b>Big Data Driven Supply Chains</b>	<b>1</b>
<b>Chapter 1</b>	<b>A Game Changer</b>	<b>3</b>
	1.1 Big Data Basics	5
	1.2 What Is Different?	10
	1.3 What Does It Mean?	13
	1.4 Transformations	18
	1.5 Data-Driven Supply Chains	21
<b>Chapter 2</b>	<b>Transforming Supply Chains</b>	<b>27</b>
	2.1 Across the Entire Supply Chain	28
	2.2 The Supply Chain System	29
	2.3 From Sourcing to Sales	34
	2.4 Coordinated and Integrated	40
	2.5 The Intelligent Supply Chain	41
<b>Chapter 3</b>	<b>Barriers to Implementation</b>	<b>51</b>
	3.1 Why Isn't Everyone Doing It?	51
	3.2 The Barriers	54
	3.3 Breaking Ahead of the Pack	64
<b>Part II:</b>	<b>Impact on Supply Chain Levers</b>	<b>69</b>
<b>Chapter 4</b>	<b>Impact on "Sell"</b>	<b>71</b>
	4.1 Driving the Supply Chain	72
	4.2 All About the Customer	79
	4.3 Price Optimization	85
	4.4 Merchandising	87
	4.5 Location-Based Marketing	88
	4.6 The Whole Bundle	91
<b>Chapter 5</b>	<b>Impact on "Make"</b>	<b>97</b>
	5.1 Making the Things We Sell	98
	5.2 Product Design and Innovation	105
	5.3 Improving the Production Process	110
	5.4 The Digital Factory	115
	5.5 Make Connects the Value Chain	118

<b>Chapter 6</b>	<b>Impact on “Move”</b> .....	<b>125</b>
	6.1 Moving the Things We Sell .....	126
	6.2 How Big Data Impacts Move .....	134
	6.3 Integrating Logistics Activities .....	145
<b>Chapter 7</b>	<b>Impact on “Buy”</b> .....	<b>151</b>
	7.1 Big Data and Buy .....	152
	7.2 How Much Do You Need? .....	158
	7.3 Outsourcing .....	163
	7.4 Risk Management .....	167
<b>Part III:</b>	<b>The Framework</b> .....	<b>175</b>
<b>Chapter 8</b>	<b>The Roadmap</b> .....	<b>177</b>
	8.1 Lessons .....	178
	8.2 Doing It Right .....	180
	8.3 How It Works .....	184
	8.4 Breaking Down Segmentation .....	186
	8.5 Strategic Alignment .....	189
	8.6 The Importance of Measuring .....	193
	8.7 The Journey .....	198
<b>Chapter 9</b>	<b>Making It Work</b> .....	<b>207</b>
	9.1 Strategy Sets the Direction .....	207
	9.2 The Building Blocks .....	212
	9.3 Following the Maturity Map .....	221
	9.4 Sales & Operations Planning (S&OP) .....	226
	9.5 People Making Decisions with Data .....	233
<b>Chapter 10</b>	<b>Leading Organizational Change</b> .....	<b>237</b>
	10.1 Transformation Required .....	238
	10.2 The Four-Step Change Process .....	243
	10.3 Leadership .....	253
	<b>Endnotes</b> .....	<b>259</b>
	<b>Index</b> .....	<b>285</b>