Big Data - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Big Data in US$ Million. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World.

Annual estimates and forecasts are provided for the period 2014 through 2022. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 83 companies including many key and niche players such as -

1010data, Inc.
Actian
Amazon Web Services, Inc.
Cloudera, Inc.
Dell, Inc.

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
   Study Reliability and Reporting Limitations
   Disclaimers
   Data Interpretation & Reporting Level
   Quantitative Techniques & Analytics
   Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
   The Big Data Era is Here!!
   What is Contributing to Big Data?
   Table 1: World Recent Past, Current and Future Analysis for Big Data Market
   Analyzed with Storage Capacity (in Exabytes) for Years 2014 through 2022 (includes corresponding Graph/Chart)
   A Peek Into Major Sources of Big Data
   Rapid Expansion of Internet Sets the Pattern for Increase in Big Data Volume
   Table 2: Key Statistics Indicating Growing Influence of the Internet on Big Data Volumes: Number of Internet Users (In Billion) & IP Traffic (in Exabytes) for the Years 2015 & 2020 (includes corresponding Graph/Chart)
   Robust Sales of Smartphones & Increased Mobile Internet Usage Adds to Big Data Volume
   Table 3: Key Statistics Indicating Growing Influence of Mobile Device Usage on Big Data Volume (includes corresponding Graph/Chart)
   Increased Consumption of Digital Communication Media & Rise of Personal Data
   Table 4: Growing Personal Digital Ecosystem as Measured by the Number of People Exposed to Digital Communication Solutions by Source
   Key Data Statistics for Digital Communication Solutions by Source
   Table 5: Mountains of Data Generated by Social Media Fuels Big Data Volumes: Breakdown of Data Generated by Various Social Media Platforms Per Minute
   Ever Rising Data Volumes in Enterprise, Industry, Retail & Service Sectors
   Table 6: Big Data Generation in an Enterprise (2015): Percentage Breakdown of Data Volume by Source (includes corresponding Graph/Chart)
   Table 7: Type of Big Data Collected in an Enterprise (2015): Percentage Breakdown of Respondent Responses for Each Data Category Type (includes corresponding Graph/Chart)
   Table 8: Percentage Breakdown of Volume of Data Stored in Major Industries in the United States: Year 2015 (includes corresponding Graph/Chart)
   Expanding IoT Ecosystem
   Table 9: IoT Market: Number of Connected IoT Devices for Year 2015 & 2020
How Can Big Data Create Value?

Importance of Big Data Strategy for the Government Sector

Big Data
A Reservoir of Intelligence for Private Sector Organizations

Table 10: Changing Enterprise Perception of Big Data (2015): Percentage Breakdown of Number of Respondents Considering Big Data as an Opportunity Vs a Challenge (includes corresponding Graph/Chart)

Table 11: Big Data Benefits: Percentage Breakdown of Respondents Reporting Positive Outcomes by Key Benefit Areas: Year 2015 (includes corresponding Graph/Chart)

The Need to Turn ‘Big Data’ Into Big Advantage Drives Focus on Big Data Technologies & Services

Steady Growth Prospects for Big Data Technologies & Services Despite Lethargic Global Economic Growth

Global Economic Recovery Continues to Remain Lethargic

Table 12: World Real GDP Growth Rate in % by Country/Region for the Period 2014-2017P (includes corresponding Graph/Chart)

Despite Marginal Slowdown in Growth Momentum, Big Data Market Holds Steady Ground

Big Data Solutions Continue to Attract Venture Capital Funding

Table 13: Key Venture Capital Investments in Big Data Solutions for H1-2016

Market Outlook

Competitive Scenario

Pure Play Vendors Drive Innovations in the Market

Consolidation

An Imminent Trend in the Market

Select Key Acquisitions in the Big Data Market (2016, 2015 & 2014)

Huge Demand for Big Data Analytics Fuels Competition

Key Market Share Findings:

Table 14: Leading Players in the Global Big Data Market (2015E): Percentage Breakdown of Revenues for IBM, SAP, Oracle, HPE, Palantir, Splunk, Accenture, Dell and Others (includes corresponding Graph/Chart)

Table 15: Leading Players in the Global Big Data Hardware Market (2015E): Percentage Breakdown of Revenues for ODMs, HPE, IBM, Dell, Cisco, EMC, and Others (includes corresponding Graph/Chart)

Table 16: Leading Players in the Global Big Data Software Market (2015E): Percentage Breakdown of Revenues for SAP, Splunk, Oracle, IBM, Microsoft, SAS Institute, Palantir and Others (includes corresponding Graph/Chart)

Table 17: Leading Players in the Global Big Data Services Market (2015E): Percentage Breakdown of Revenues for IBM, Accenture, Palantir, Teradata, Mu Sigma and Others (includes corresponding Graph/Chart)

2. MARKET TRENDS & GROWTH DRIVERS

United States Leads from the Front while Developing Countries to Spearhead Future Growth

Big Data Storage Moves to the “Shared Nothing” Environment

NoSQL Implementations Growing at Faster Rate than Traditional Relational Database Solutions

Hadoop
The Open Source Programming Framework Sets the Perfect Platform for Success of Big Data Strategy in Organizations

Hadoop Projects Mature

Hadoop Development Community Continues to Remain Abuzz With Activity

Focus on Increasing Speed & Security of Hadoop

Hadoop 2.0 to Drive Hadoop Adoption

‘Spark’ to Light Up Big Data Compute Infrastructure Market

Could Challenge Hadoop's Leadership in the Segment

Boom Time Ahead for Machine Learning Techniques

Limitations of Traditional BI Software Provide Business Opportunities for Big Data Analytics

Table 18: Mind Bending Spurt in Big Data Volumes Amplifies the Need for Big Data Analytics Solutions: Global Big Data Generation (In Zettabytes) for the Years 2010, 2015 & 2020 (includes corresponding Graph/Chart)

Real-Time Business Advantages Spur Demand for Big Data Analytics

Big Data Wheels Begin to Roll, Churning Out Opportunities for Predictive Analytics to Turn Big Data into Smart Data

Hadoop-Powered Predictive Analytics Solutions to Gain Broader Adoption

Predictive Analytics: Vital for Internet of Things to Deliver on Its Promise of Building “Pervasive Intelligence”

Table 19: With Over 387% Projected Growth in Connected Autonomous Things by 2020 in the IoT Ecosystem, the Focus Shifts Towards Leveraging IoT Benefits through Predictive Analytics: Breakdown of the Installed Base of IoT Connected Devices (In Million Units) for the Years 2015 & 2020 (includes corresponding Graph/Chart)

Machine Learning Algorithms
Vital for Predictive Analytics
Inherent Cost & Complexity of In-House Implementation & Management of Big Data Ecosystem Creates Case for ‘Big Data Services’

Table 20: Big Data Implementation Challenges Ranked by their Complexity as Measured by % Respondent Responses (includes corresponding Graph/Chart)
Current Shortage of Talent to Drive Demand for Big Data Services
Table 21: Potential Barriers to Implementation of Big Data Analytics (2015): Percentage Breakdown of Number of Respondent Responses to Often Encountered Barriers (includes corresponding Graph/Chart)
Cloud based Big Data-as-a-Service: An Emerging Platform for Delivery of Big Data Technology Solutions
Table 22: Journey to the Cloud Accelerates & Spurs Opportunities for Cloud Based Big Data-as-a-Service: Global Spending on Cloud Computing (In US$ Billion) & Cannibalization Rate of Cloud Spending in Conventional IT Spending for the Years 2015 & 2018 (includes corresponding Graph/Chart)
Table 23: Global Big Data-as-a-Service Modules Market: Percentage Breakdown by Select Service Modules (includes corresponding Graph/Chart)
A Review of Key Big Data Technologies on the Cloud
Hadoop-as-a-Service Market to Move from Development to Growth Phase
Key Factors Driving HAAS
Time-to-Value & Agility Benefits Drive Predictive Analytics in the Cloud
Key Challenges to Mainstream Adoption of Big Data Strategy

3. REVIEW OF TRENDS IN KEY APPLICATION AREAS
Financial Services Sector
A Key End-Use Market for Big Data Analytics
Big Data Drives the Need for Unified Analytics Platform in Financial Firms
Analytics Take Center Stage as a Major Growth Driver for Banking Industry
Need to Improve Quality & Efficiency in Product Manufacturing Drives Demand for Big Data Analytics in the Manufacturing Sector
Tough Manufacturing Scenario Compels Manufacturers to Make Cautious Investments on Big Data Analytics

Table 24: With Manufacturing PMI Swinging Between Volatile Gains & Losses, the Manufacturing Industry Walks the Tight Rope: Breakdown of Global Manufacturing Purchasing Managers’ Index (PMI) Points for the Years 2010 through 1H 2016 (includes corresponding Graph/Chart)
Telecom
A Key End-use Market for Big Data
Big Data Use Cases in the Telecom Industry

Big Data

A Potential Data Processing Platform in Healthcare & Lifesciences
Use Cases of Big Data Technology in the Healthcare Industry

Table 25: World Big Data Analytics in Healthcare Market (2015): Percentage Breakdown of Revenues by Region (includes corresponding Graph/Chart)
Retailers Embrace Big Data Analytics
Transforming Window Shoppers into Customers
Ensuring Timely Deliveries
Using Social Networks to Advantage
Oil & Gas Sector Offers Ample Growth Opportunities to Big Data
Governments Worldwide Leverage the Potential of Big Data Analytics

4. CONCEPTUAL OVERVIEW
Big Data: A Definition
A Peek into the Prevalence of Big Data across Industries
Big Data Technology & Services: A Definition
Big Data Analytics: The Core of Big Data Technology
Key Benefits of Big Data Analytics
Process Efficiency Improvements & Personnel Empowerment
Cross-Department Information Analysis
Helps Identification of Target Groups
Aids in Smarter Decision Making
Enables Innovation

5. PRODUCT INNOVATIONS/INTRODUCTIONS
Mahindra Comviva Launches MobiLytix Suite
Pentaho Unveils Filling the Data Lake Big Data Blueprint
Altiscale Unveils New Big Data Solution for Real-time Analytics
Iguaz Introduces Big Data Services Architecture
6. RECENT INDUSTRY ACTIVITY

Opéra Solutions Partners with Acxiom
Teradata Takes Over Big Data Partnership
Workday Acquires Platfora
Helios and Matheson Analytics Inks Merger Agreement with Zone Technologies
Information Builders Collaborates with DBS-H and SRL Software
IMS Health Selects Cloudera Enterprise to Support its Big Data Factory
ORTEC Inks Partnership Agreement with Microsoft
EPAM Forms Partnership with DataStax
Fujitsu Builds Maritime Big Data Platform for Nippon
Gulf Air and Red Hat Technologies Build Private Cloud IT for Big Data Innovation
Altiscale Partners with Tableau
JOS Partners with Tableau
Rostelecom to Acquire IQMen
Telefonica Takes Over Synergic Partners
Cisco Takes Over ParStream
BioXcel Partners with Pronutria
RESEARCH AND MARKETS

Dell to Acquire EMC
Huawei Inks Joint Development Agreement with BGI
Advance Publications Takes Over 1010data
RTI Partners with IBM to Deploy Big Data Analytics in Africa
Hitachi Data Systems Acquires Pentaho
PTC to Take Over ColdLight Solutions
Microsoft Acquires Revolution Analytics
Sencha Takes Over mzPivotGrid
Attunity to Take Over Appfluent
Prolifics Acquires Stream Integration
Datapipe Acquires GoGrid
OpenText Acquires Actuate Corporation
Teradata Complete Acquisition of RainStor
CenturyLink Takes Over Cognilytics
BBVA Takes Over Madiva
Cornerstone Acquires Evolv
Altruist Takes Over iConnectiva
Teradata Acquires Hadapt and Revelytix
FICO Takes Over Karmasphere's Big Data Analytics Technology
Dell Takes Over StatSoft
L3 Acquires Data Tactics

7. FOCUS ON SELECT GLOBAL PLAYERS
1010data, Inc. (US)
Actian (US)
Amazon Web Services, Inc. (US)
Cloudera, Inc. (US)
Dell, Inc. (US)
EMC Corporation (US)
Greenplum (US)
Fujitsu (Japan)
Hewlett Packard (US)
Hortonworks, Inc. (US)
Intel Corporation (US)
International Business Machines (IBM) (US)
MapR Technologies, Inc. (US)
Oracle Corporation (US)
SAP SE (Germany)
Splunk, Inc. (US)
Teradata Corporation (US)
Think Big Analytics (US)

8. GLOBAL MARKET PERSPECTIVE
Table 26: World Recent Past, Current and Future Analysis for Big Data Technology and Services by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)
Table 27: World 7-Year Perspective for Big Data Technology and Services by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets for the Years 2016 and 2022 (includes corresponding Graph/Chart)
Table 28: World Recent Past, Current and Future Analysis for Big Data Technology and Services by Segment Software, Hardware and Services Markets Independently Analyzed with Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)
Table 29: World 7-Year Perspective for Big Data Technology and Services by Segment
Percentage Breakdown of Revenues for Software, Hardware and Services Markets for the Years 2016 and 2022 (includes corresponding Graph/Chart)
Table 30: World Recent Past, Current and Future Analysis for Big Data Technology and Services by End-Use Industry
Telecommunications, Retail, Manufacturing, Healthcare, Oil & Gas, Finance and Other Markets Independently Analyzed with Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)
Table 31: World 7-Year Perspective for Big Data Technology and Services by End-Use Industry
Percentage Breakdown of Revenues for Telecommunications, Retail, Manufacturing, Healthcare, Oil & Gas,
Finance and Other Markets for the Years 2016 and 2022 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
   A. Market Analysis
   Outlook
   Big Data Analytics Gain Broader Market Acceptance
   Product Launches
   Strategic Corporate Developments
   Select Key Players
   B. Market Analytics
   Table 32: US Recent Past, Current and Future Analysis for Big Data Market Analyzed by Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)

2. CANADA
   A. Market Analysis
   Outlook
   Product Launches
   B. Market Analytics
   Table 33: Canadian Recent Past, Current and Future Analysis for Big Data Market Analyzed by Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)

3. JAPAN
   A. Market Analysis
   Outlook
   Market Overview
   Organizations Set Eye on Leveraging Big Data
   Corporate Development
   Fujitsu
   A Key Japanese Player
   B. Market Analytics
   Table 34: Japanese Recent Past, Current and Future Analysis for Big Data Market Analyzed by Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)

4. EUROPE
   A. Market Analysis
   Outlook
   European Big Data Markets Registers Strong Growth
   EU Starts Rolling Big Data Strategy
   EU's Big Data Strategy
   Market Challenges
   Focus on Select Regional Markets
   France
   Germany
   Big Data Market Overview
   UK
   UK Big Data Analytics Market
   Russia
   Big Data Market to Record Strong Growth
   Product Launches
   Strategic Corporate Developments
   SAP SE
   A Key German Player
   B. Market Analytics
   Table 35: European Recent Past, Current and Future Analysis for Big Data Market Analyzed by Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
   A. Market Analysis
   Outlook
   Focus on Select Regional Markets
   China
China Set to Implement Big Data in Healthcare Sector
Opportunities for Big Data in the Chinese Healthcare Market
Growing Adoption of Big Data among SMBs
India
Big Data Analytics Market
Big Data Set to Address Challenges of the Indian Healthcare Sector
Leading Indian Big Data Companies
Product Launches
Strategic Corporate Developments
B. Market Analytics
Table 36: Asia-Pacific Recent Past, Current and Future Analysis for Big Data Market Analyzed by Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)

6. LATIN AMERICA
A. Market Analysis
Outlook
Big Data Market Registers Healthy Growth
Brazil
Brazilian Enterprises Eye on Leveraging Big Data Analytics
Adoption in Private Sector
Market Outlook
B. Market Analytics
Table 37: Latin American Recent Past, Current and Future Analysis for Big Data Market Analyzed by Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)

7. REST OF WORLD
A. Market Analysis
Outlook
Product Launch
Strategic Corporate Developments
B. Market Analytics
Table 38: Rest of World Recent Past, Current and Future Analysis for Big Data Market Analyzed by Annual Revenues in US$ Million for the Years 2014 through 2022 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 83 (including Divisions/Subsidiaries 88)
The United States (69)
Canada (5)
Japan (2)
Europe (6)
- France (3)
- Germany (1)
- The United Kingdom (1)
- Rest of Europe (1)
Asia-Pacific (Excluding Japan) (4)
Middle East (2)

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Big Data - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/2228010/
Office Code: SC2GXLWG

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>Single User:</td>
<td>USD 4500</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>1 - 5 Users:</td>
<td>USD 6300</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>1 - 10 Users:</td>
<td>USD 8550</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>1 - 15 Users:</td>
<td>USD 10800</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr  [ ] Mrs  [ ] Dr  [ ] Miss  [ ] Ms  [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:
Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World