

International Conference on Big Data Analysis and Data Mining

Date & Venue: May 04 to 06, 2015 in Lexington, Kentucky, USA

(Theme: Unleashing Various Aspects and Recent Advances in Data Mining and Big Data Analysis)

Summary

Data Mining-2015 welcomes attendees, presenters, and exhibitors from all over the world to Lexington, Kentucky, USA. We are delighted to invite you all to attend and register for the "International Conference on Big Data Analysis and Data Mining (Data Mining -2015)" which is going to be held during May 04 to 06, 2015 in Lexington, Kentucky, USA.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the **Data Mining-2015**, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Data Mining-2015 organizing committee look forward to meeting you in Lexington, Kentucky, USA.

For more details please visit- <http://datamining.conferenceseries.com/>

Importance & Scope

Data mining (sometimes called data or knowledge discovery) is the process of analyzing data from different perspectives and summarizing it into useful information. It allows users to analyze data from many different dimensions or angles, categorize it, and summarize the relationships identified.

Companies in a wide range of industries - including retail, finance, health care, manufacturing transportation, and aerospace - are already using data mining tools and techniques to take advantage of historical data. By using pattern recognition technologies and statistical and mathematical techniques to sift through warehoused information, data mining helps analysts recognize significant facts, relationships, trends, patterns, exceptions and anomalies that might otherwise go unnoticed.

Data Mining-2015 would provide a stage of discussion between eminent personnel from academic as well as business background to discuss on the newly discovered aspects of data analysis tools and their application in the present market of analytics.

This meet would also provide a means of the practical implication of prediction tools and the ways to dissolve the complexities caused by huge and vivid data.

Why Lexington?

Lexington is the second-largest city in Kentucky and the 61st largest in the United States. Known as the "Horse Capital of the World", it is located in the heart of Kentucky's Bluegrass region. It is consolidated with Fayette County. In the 2013 US Census Estimate, the city's population was 308,428, anchoring a metropolitan area of 489,435 people and a combined statistical area of 708,677 people.

Lexington is the location of the Kentucky Horse Park, The Red Mile and Keeneland race courses, Rupp Arena, the world's largest basketball-specific arena, Transylvania University, the University of Kentucky and Bluegrass Community & Technical College.

With its abundance of government and technology jobs, Lexington has one of the nation's most stable economies. Lexington has been described as having "a fortified economy, strong in manufacturing, technology and entrepreneurial support, benefiting from a diverse, balanced business base".

Lexington was named the 4th best city for "Businesses and Careers" in 2011 by Forbes Magazine, the 5th best city for Young Professionals

in 2008 and 6th Best Value Cities 2011 by Kiplinger. As such, the city is home to several large corporations. The city has sizable employment from four Fortune 500 companies: Xerox (who acquired Affiliated Computer Services), Lexmark International, Lockheed-Martin, and IBM employing 3,000, 2,800, 1,705, and 552 respectively. United Parcel Service, Trane, and Amazon.com, Inc. have a large presence in the city, and Toyota Motor Manufacturing Kentucky is within the Lexington CSA in adjoining Georgetown.

Conference Highlights:

- Data Mining Methods & Algorithms
- Data Mining Tasks & Processes
- Big Data Application in Science, Engineering and Medicine
- Industrial Big Data Applications
- Data Mining Tools & Software
- Data Warehousing
- Artificial Intelligence

Why to attend???

Data Mining 2015 invites attendees from around the world focused on learning about Data Mining, this would be one of best opportunity to reach the largest assemblage of participants from the Data Science community. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name recognition at this 3-day event. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Data Mining fields are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event:

<http://datamining.conferenceseries.com/Sponsorship.pdf>

Major Data Mining Associations around the Globe

American Statistical Association, USA

The International Machine Learning Society (IMLS), Germany

Web Analytics Association (WAA), USA

Canadian Marketing Association (CMA)

IAENG Society of Data Mining, USA

Society of Data Miners
 International Educational Data Mining Society

Engineers of different software and IT companies, Professors and Scientists of different universities, Software company executives are expected.

Major Data Mining Associations in USA

American Statistical Association, USA
 Web Analytics Association (WAA), USA
 IAENG Society of Data Mining, USA

Top Universities in Kentucky:

Eastern Kentucky University
 Morehead State University
 Kentucky State University
 Murray State University
 Northern Kentucky University
 University of Kentucky
 University of Louisville
 Western Kentucky University

Data Mining companies specializing in business analytics, data mining, and data science applications worldwide

Target Audience

Directors/Managers & Business Intelligence Experts, Departmental Managers, Vice Presidents/ IT professionals/ Data Scientists and

Software name	Developed
Carrot2	Carrot Search
chemicalize.org	ChemAxon
ELKI	Ludwig Maximilian University of Munich
General Architecture for Text Engineering (GATE)	University of Sheffield
KNIME	KNIME.com AG
Oracle Data Mining	Oracle
HP Vertica Analytics Platform	HP
IBM SPSS Modeler	IBM
KXEN Modeler	KXEN
Microsoft Analysis Services	Microsoft
SAS Enterprise Miner	SAS Institute
STATISTICA Data Miner	StatSoft

Table 1:Data Mining software tools

Glance at Global Big Data Market

The big data market has been achieving strong revenues. The Global Market Statistics shows that it has reached a revenue height of 7.39 USD (billion), 7.15 USD (billion) and 4.12 USD (billion) for services, hardware and software, respectively for the year 2013.

The global market statistic also shows a revenue forecast for the global big data market from 2011 to 2017. For 2016, the source projects the global big data market is predicted to grow to more than 45 billion U.S. dollars in revenue.

Market Growth of Data Mining

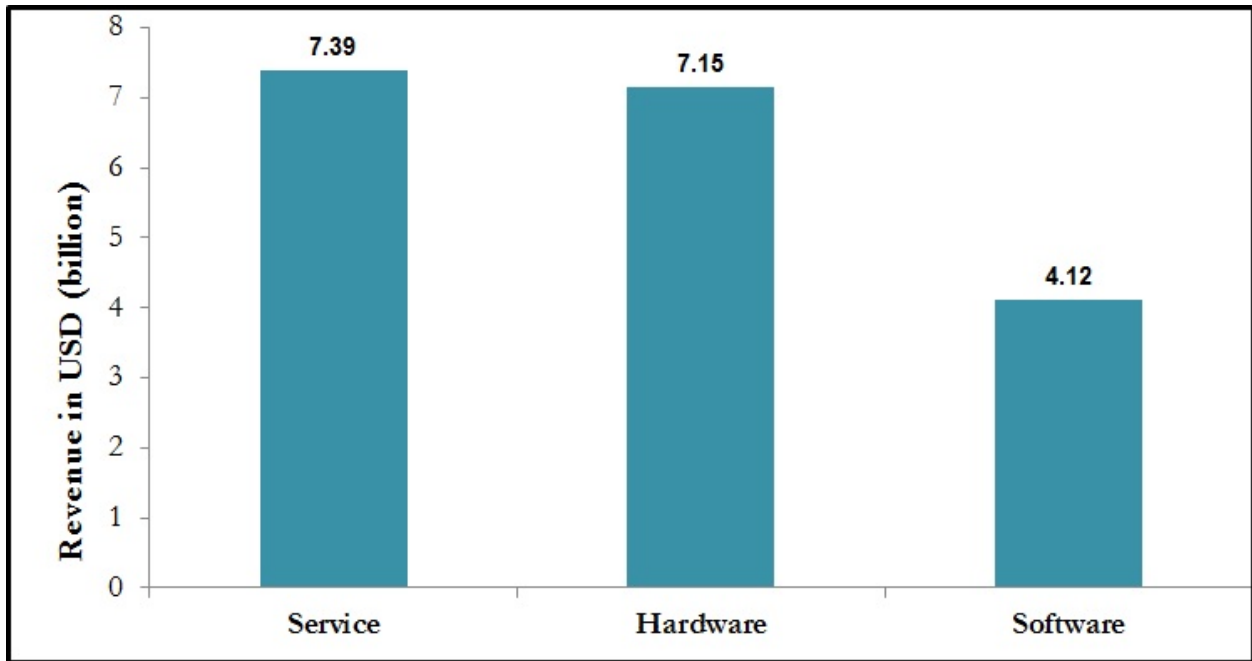


Figure 1: The statistic shows the revenue from the global big data market by type in 2013.

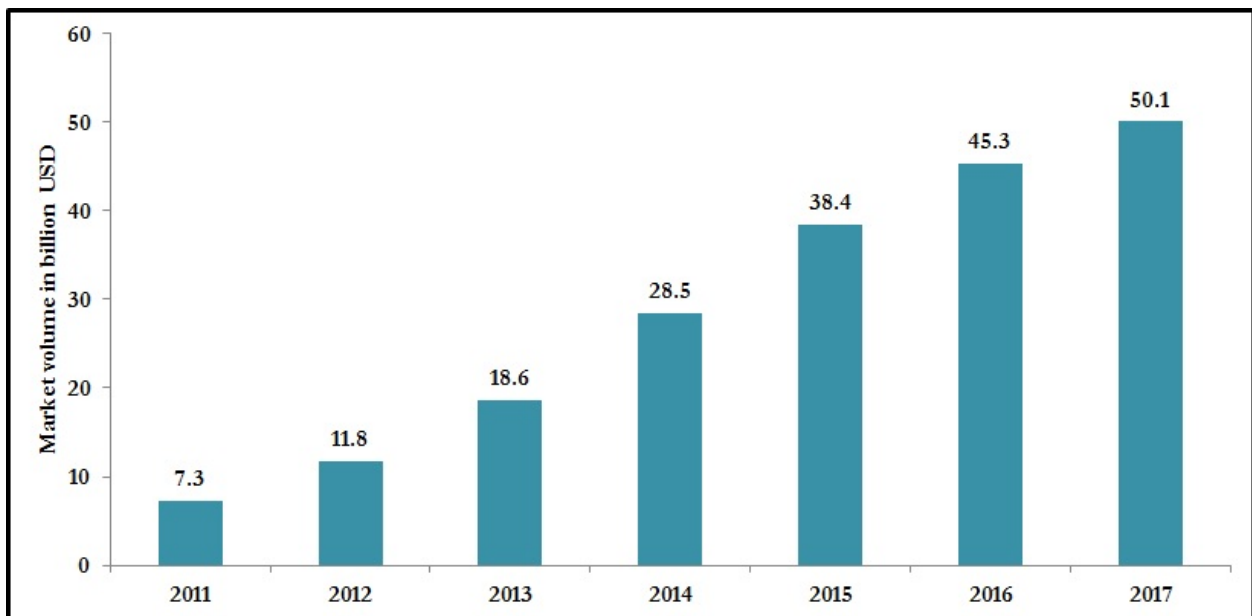


Figure 2: The statistic shows a revenue forecast for the global big data market from 2011 to 2017. For 2016, the source projects the global big data market to grow to more than 45 billion U.S. dollars in revenue

References

1. <http://www.statista.com/statistics/301566/big-data-factory-revenue-by-type>
2. <http://www.statista.com/statistics/254266/global-big-data-market-forecast>
3. <http://www.kdnuggets.com/software/index.html>
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