

# 2<sup>nd</sup> International Conference on Big Data Analysis and Data Mining

Date and Venue : Nov 30-Dec 2, 2015 San Antonio, USA

(Theme: Emerging Future Technologies of Big Data and Data Mining)

## Summary

Data Mining-2015 welcomes attendees, presenters, and exhibitors from all over the world to San Antonio, USA. We are delighted to invite you all to attend and register for the “2<sup>nd</sup> International Conference on Big Data Analysis and Data Mining (Data Mining -2015)” which is going to be held during Nov 30 – Dec 2, 2015 in San Antonio, 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 San Antonio, 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 San Antonio??

San Antonio, officially the City of San Antonio, is the seventh most populous city in the United States of America and the second most populous city in the state of Texas, with a population of 1,409,019. It was the fastest growing of the top 10 largest cities in the United States from 2000 to 2010, and the second from 1990 to 2000. The city is located in the American Southwest, the south-central part of Texas, and the south western corner of an urban region known as the Texas Triangle.

San Antonio has a diversified economy with an approximately \$96.8 billion metropolitan GDP, ranking 4th among Texas metropolitan areas and 38th in the United States. San Antonio's economy is

focused primarily within military, health care, government civil service, financial services, oil and gas and tourism sectors.

San Antonio is a popular tourist destination. The Alamo Mission in San Antonio ("the Alamo"), located Downtown, is Texas' top tourist attraction. Because of the mission, San Antonio is often called the "Alamo City. The Fairmount Hotel, built in 1906 and San Antonio's second oldest hotel, is in the Guinness World Records as one of the heaviest buildings ever moved intact. SeaWorld, located 16 miles (26 km) west of Downtown in the city's Westover Hills district, is the number 3 attraction. Also, there is the very popular Six Flags Fiesta Texas.

### **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

### **Major Data Mining Associations in USA**

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

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

### Top Universities in San Antonio:

University of Texas at San Antonio  
 Trinity University  
 St. Mary's University, Texas  
 University of Texas Health Science Centre  
 Hallmark University  
 University of Phoenix

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

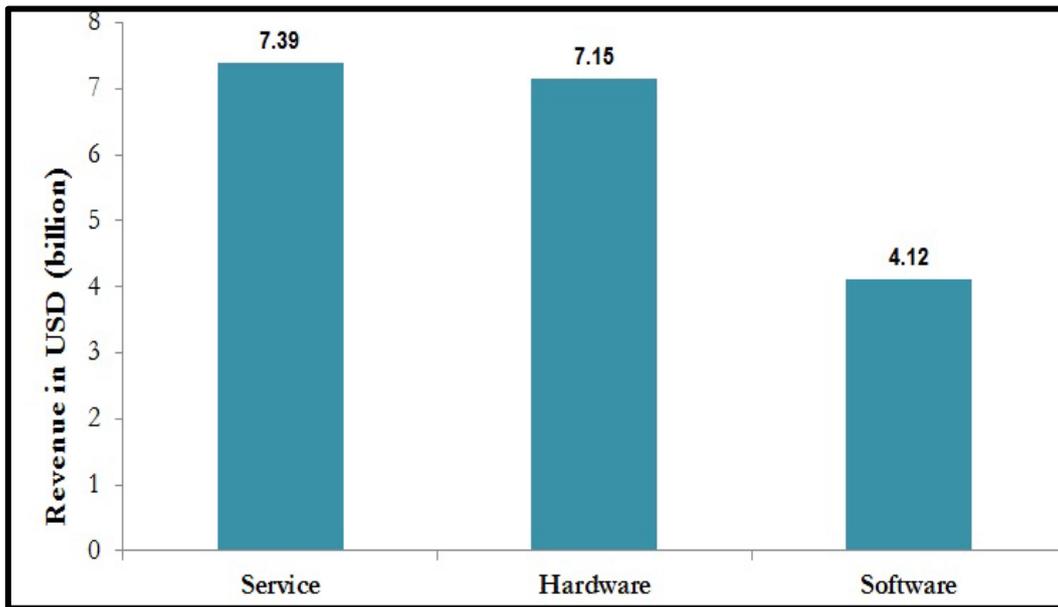


Figure 1: The statistic shows the revenue from the global big data market by type in 2013.

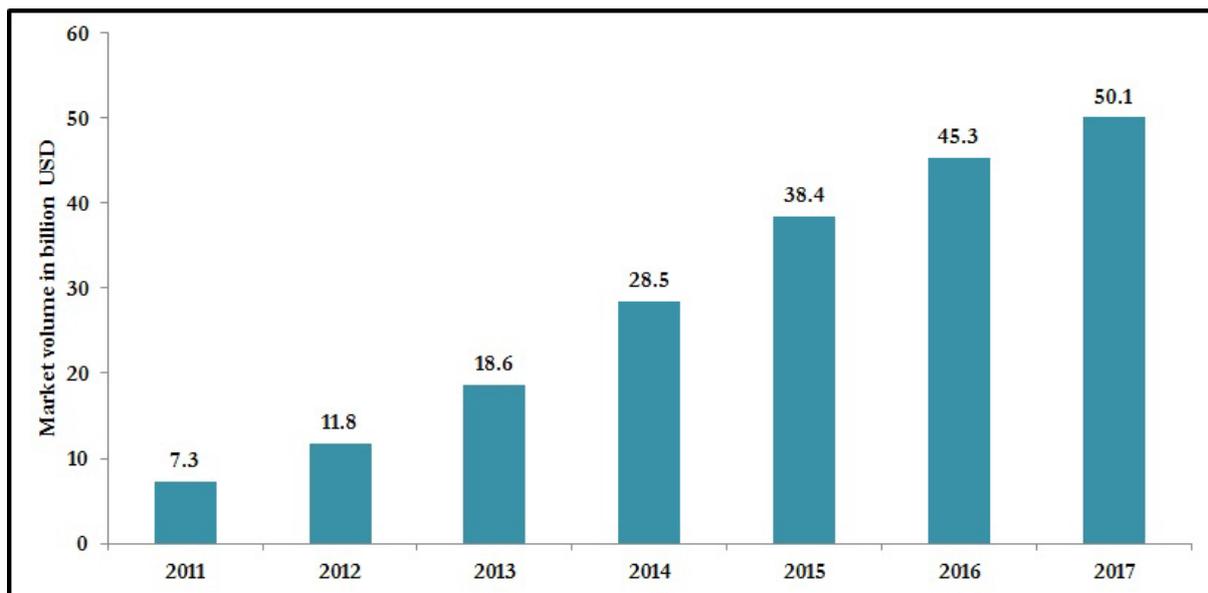


Figure 2: The statistic shows a revenue forecast for the global big data market from 2011 to 2017. For 2016, the source projects the global big data market to grow to more than 45 billion U.S. dollars in revenue.

## References

1. <http://www.statista.com/statistics/301566/big-data-factory-revenue-bytype>
2. <http://www.statista.com/statistics/254266/global-big-data-marketforecast>
3. <http://www.kdnuggets.com/software/index.html>
4. <http://www.kdnuggets.com/companies/products.html>