

# **THE BIG DATA SEMINAR 2018**

**Featuring Krish Krishnan**

**One of the World's Most Knowledgeable Experts on BIG DATA**

**March 22 – March 23, 2018 (Thursday-Friday) ♦ Washington, D.C. ♦**

**Crystal City Hilton Hotel**

(2399 Jefferson Davis Highway - Reagan Washington National Airport ♦ Minutes from Downtown Mall, Metro and Olde Town Alexandria)

**TUTORIAL on all the latest TOOLS and TECHNOLOGIES - Analyzing, Selecting and Using the BIG DATA TOOLS for Reporting, DataBase, ETL, Data Analytics, Metadata.  
< Special Half Day DEMO of HADOOP >**



## **Learn All About BIG DATA and Real-World Case Studies**

### **♦ BIG DATA: ARCHITECTING FOR BUSINESS INTELLIGENCE AND DATA WAREHOUSING IN YOUR ORGANIZATION ♦**

**Krish Krishnan, President and CEO, Sixth Sense Advisors, Inc**

Author: "Data Warehousing in the Age of BIG DATA", and

"Building The Unstructured Data Warehouse", with Bill Inmon

Faculty Member, The Data Warehouse Institute (TDWI),

Chief Technology Officer of Forest Rim Technology, LLC,

"BIG DATA Evangelist and World Leading Expert, Popular Seminar Leader"

**"This is a Must-Hear Two-Day Intensive Overview of the Future World of BIG DATA and How to Utilize and Leverage it within Your Own Organization as Presented by one of the World's Leading Experts"**

**"Krish is simply the Best Instructor I have ever had "**

<http://www.dmforum.org/>

## **BIG DATA SEMINAR**

Each day, the world creates roughly 2 Exabyte's of data, which is roughly the same amount of data created between the dawn of time and 2003. As a result, standard traditional databases and tools are extremely challenged to not only process data volumes of that magnitude, but also to discern and separate the high-value data from low-value data to support analytical insights. To address these challenges, data warehousing has evolved rapidly during the last three years into an ecosystem that is architected with traditional data, big data, real-time data, semantic interfaces, complex algorithms, and advanced infrastructures. Attend [The Big Data Seminar 2018](#) for a two-day interactive session on how to understand the impact of big data on data warehousing. This event seeks to answer the following questions for attendees:

- What is BIG DATA, What are the Five V's, and How Do I Translate This Foreign Language? ( You will receive a robust BIG DATA GLOSSARY of TERMS to help you understand much of the language associated with the BIG DATA WORLD )
- Does every enterprise need to adopt technology based on the advancements of the Data Warehouse? How does the Data Lake and Data Pond fit into the Data Architecture?
- Do new Data Warehouse components provide real additional insights that can be harnessed to make transformations in the enterprise? Give me some Real-life Examples.
- Do Extract-Transform-Load (ETL) Tools have a future? How will the process perform?
- How does one build the new Analytical Platforms?
- What is a Data Scientist and what role should that person play in the organization's architecture?
- What is the impact of Chief Data Officer (CDO)?
- What are the major components of BIG DATA and How do they Fit Together?
- Why so many Versions of HADOOP and why is it necessary to use Hadoop over "traditional databases"?
- What are the leading vendors in the Big Data Space: Database, Reporting, Analytics, Security?
- What is the role of Supercomputing (e.g. Watson), Parallel Processing, Data Streaming?
- How to Implement Data Modeling, Data Governance, Metadata Management: Big Data vs. Traditional?
- What is the White House **BIG DATA INITIATIVE** and How Will it impact my organization?

Another question this seminar addresses is how organizations can effectively link unstructured, semi-structured, and classical relational data together to support information architectures that meet their business needs and goals. [The Big Data Seminar 2018](#) provides a one-of-a-kind perspective on both the business and IT sides of big data and data warehousing. It includes live examples and real-world case studies that enable organizations to enhance their understanding of big data. Attendees can gain insight into the world of data warehousing, how advanced technologies are changing the way data warehouses are designed and built, and what the next generation of reports and analytics look like. And it identifies organizations that have already started on this path.

Attendees can learn answers to these and other questions about BIG DATA as well as practical approaches and techniques on the business, technical and organizational aspects of BIG DATA. This seminar will also address the skill sets required to support BIG DATA applications and architectures. Its format is purposely interactive and attendee questions are encouraged throughout the day. Attendee experiences can also be shared as time permits. [The Big Data Seminar 2018](#) takes place March 22 – March 23, 2018 in Washington, D.C. at the Crystal City Hilton Hotel adjoining Reagan Washington National Airport, 2399 Jefferson Davis Highway in Arlington, Virginia, minutes from the Washington METRO to downtown Mall, Crystal City Shoppes, and Olde Town Alexandria.

# Architecting for BI and Data Warehousing in Organizations

Attend this two-day intensive overview of the future world of big data and how to utilize and leverage it. The following topics are presented:

- Cognitive Computing / Machine Learning
- Apache Cassandra, Redis, and Apache HBase
- Apache CouchDB, VoltDB, and Apache ZooKeeper
- Best practices and technologies
- Best-of-breed tools and techniques
- Big data environment definition
- Big data volume, velocity, variety, veracity, and value
- Big data governance and big data lifecycle
- Building unstructured databases
- Business drivers of high volumes of data
- Clustering and classification
- Columnar databases, in HBase
- Complex event processing (CEP)
- Data modeling's role
- Data-streaming applications
- Distributed file systems (DFSs)
- Distributed processing, in MapReduce
- Distributed servers—for example, Amazon Elastic Compute Cloud (EC2)
- Distributed storage—for example, Amazon Simple Storage Service (S3)
- Document-oriented databases
- The Dremmel scalable, interactive, ad hoc query system and Spanner, a NewSQL database
- ETL tools for unstructured and structured data
- Future trends and technologies
- Big Data Modeling and Database Design
- Analysis for the Data Scientist / Data Architect
- Glossary of Big Data Terms
- Graph databases and visualization
- Hadoop File System (HDFS), MapReduce, Latin, and Pig Latin
- Hybrid architectures
- Innovative data integration
- Linking relational databases—for example, Sqoop
- Machine-learning library—for example, Mahout
- Metadata sharing and integration
- NoSQL databases—for example, Mongo
- Scribe and logging vehicles
- Semantic processing, in OWLIM
- Smart sampling and data mining
- Streaming analytics query, in Cassandra Query Language (CQL)
- Streaming data collection, in Flume
- Taxonomies and ontologies
- Topical, social, and temporal view
- Types of big data and data sources
- Typical Fortune 500 applications
- What Apache Hadoop is and how it works
- Workflow balancing and scalability
- Workload-driven design
- Workflow engines—for example, Oozie
- Top Industry Use-Cases

## Featuring Krish Krishnan

This event features Krish Krishnan, a highly knowledgeable expert on big data and the strategy, architecture, and implementation of high-performance data warehousing and database solutions. Krishnan is president and chief executive officer (CEO) at Sixth Sense Advisors, Inc.; distinguished faculty member, The Data Warehouse Institute (TDWI); and chief technology officer (CTO) at Forest Rim Technology, LLC. Krishnan is a big data evangelist, leading expert, and popular seminar leader. As a special advisor to Bill Inmon—the father of data warehousing—and instructor and author at TDWI, he is a visionary data warehouse thought leader and independent analyst. He speaks at industry conferences and user groups, and he writes for trade publications on big data, BI, data warehousing, and data warehouse appliances and architectures. In addition, Krishnan has authored three ebooks. With Bill Inmon, he co-authored [Building the Unstructured Data Warehouse](#) (Technics Publications, LLC, January 2011), upon which Inmon's "Unstructured Data" seminar is based. Krishnan's recent book, [Data Warehousing in the Age of Big Data](#) (Morgan Kaufmann, May 2013), offers information on how to make the most of big data within an existing data warehousing architecture. See Krish's Big Data Blog on the [IBM Data Analytics HUB](#), where he discusses big data topics from The Internet of Things (IoT), Healthcare and Big Data, Textual Analysis, to Social Media and Sentiment Analysis, Workload Bottlenecks, and Business Innovations with Big Data.

**To Register, Visit the [Data Management Forum](#) registration website, Call 516.221.5560, or Email [registration@dmforum.org](mailto:registration@dmforum.org) To Download Seminar Flyer: [Click Here](#).**

<b>THE BIG DATA SEMINAR 2018 EVENT PRICING</b>			
<b>Attendee Registration Options</b>		<b>Early Fee</b>	<b>Standard Fee</b>
		<b>(before Feb 5)</b>	<b>(Feb 5 &amp; after)</b>
<b>Seminar (Full 2 Days)</b> (March 22- 23, 2018) (Thursday-Friday)	<b>Regular Fee:</b>	<b>\$1250</b>	<b>\$1500</b>
	<b>Member Discount:</b>	<b>\$1000</b>	<b>\$1250</b>
	(Government / Academic, DAMA or Groups of 3 or More)		
<b>Non-Attendee CD ROM Only</b> (Email: <a href="mailto:Registration@DMForum.org">Registration@DMForum.org</a> )	<b>Regular Fee:</b>	<b>\$300</b>	<b>\$300</b>
	<b>Member Discount:</b>	<b>\$300</b>	<b>\$300</b>
	(Government / Academic, DAMA or Groups of 3 or More)		

Note: Cancellation Prior to Mon Feb 5, 2018 in writing minus Cancellation Fee \$100 (substitutions always permitted thru Seminar Day)  
 Large Volume Discount for Groups of 5 or More – Contact [registration@dmforum.org](mailto:registration@dmforum.org)  
 SAVE \$3,000 Bring My Team - Bring 5 for the price of 3 (\$4,500)- Email [registration@dmforum.org](mailto:registration@dmforum.org) for Details

**Wish to Bring Krish "In-House" for Seminar / Training /Consulting - Call 516-221-5560**

**ALL ATTENDEES WILL RECEIVE**  
 - 350 page Spiral Bound Seminar Book of Class Slides by Krish Krishnan  
 - 50 page Big Data Glossary - Link to SoftCopy PDF Seminar Book  
 - Full Set of Book References, Article References and Mistakes to Avoid

The Big Data Seminar 2018 is sponsored by Data Management Forum in association with the following media sponsors: Information Management Magazine, Database Trends and Applications Magazine, IBM Analytics HUB, Select DAMA Chapters, Big Data Quarterly, Health Data Management, Inmon Consulting, EW Solutions, Sixth Sense Advisors, and other supporting organizations. Data Management Forum is a non-profit vendor independent user group dedicated to advancing the professions of Information Management.

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