



Data Science Summit 2019

November 29, 2019
ISB Hyderabad Campus

ABOUT ISB

The **Indian School of Business (ISB)** was established in India in 2001. It has two campuses in Hyderabad (Telangana), and Mohali (Punjab). THE INDIAN SCHOOL OF BUSINESS (ISB) evolved from the need for a world-class business school in Asia. The founders, some of the best minds from the corporate and academic worlds, anticipated the leadership needs of the emerging Asian economies. They recognised that the rapidly changing business landscape would require young leaders who not only have an understanding of the developing economies but who also present a global perspective. ISB is committed to creating such leaders through its innovative programmes, outstanding faculty and thought leadership. A vibrant pool of research-oriented resident faculty, strong backing by its associate schools - Kellogg School of Management, Wharton School, London Business School, MIT Sloan School of Management and Fletcher School, and the backing of an influential Board, has helped ISB fast emerge as a premier global Business school in the region.

APPLIED STATISTICS AND COMPUTING LAB

ASC Lab was set up with a futuristic view of harnessing the power of statistics and computing to solve real-life problems in the year 2010. It is an eco-system consisting of innovators, researchers, academia, government and industry working towards addressing real-life problems using the technological advancements for the betterment of the society. It was set up with an objective to catalyse innovation and industry-oriented research, augmented decision making, develop skills and talent required in the field of business analytics, data science and artificial intelligence. The institute works closely with the industry for implementing innovative ideas. The research at ASC Lab focuses on designing and developing machine learning models for accelerating solutions in the field of Retail Marketing, Fintech, Healthcare, Human Resource, Supply Chain Management etc. ASC Lab has a multi-disciplinary team comprising of data scientist, business analyst and domain specialist. ASC Lab has been a pioneer in Data Science and Analytics education. ASC Lab's Advanced Management Programme in Business Analytics (AMPBA) catalyse innovation with cognitive and critical thinking; Our pedagogy focuses on global Intelligence, critical thinking, innovation, decision-making, effective communication, team orientation and leadership to harness the power of emerging technologies to enhance student's ability to create business value. The curriculum of AMPBA is developed under the guidance of eminent industry leaders and world-class academicians. As of today, we have around 1000 alumina and around 240 students graduating every year.

DATA SCIENCE SUMMIT 2019

"Data Science Summit", November 2019 at Indian School of Business, Hyderabad. The Summit brings together over 500 researchers, data scientists and developers from academia and industry to discuss state-of-the-art artificial intelligence, data science, applied machine learning and predictive applications. It features over 25 talks of leading experts and researchers in these fields.

The 2019 conference will focus on the main challenges of the application of Artificial Intelligence and Machine Learning models to Retail Marketing, Fintech, Healthcare, and how they apply to the real world. The summit also focuses on Data Privacy and Governance in this era of the digital world. The summit will provide a unique insight into creating a data-driven culture in organisations and the benefits of using Data

and Analytics to drive the decision-making process. The summit features 5 speaker talks and 4-panel discussions comprising of 20 subject matter experts from the Industry and Academia.

Connect with some of the innovative people and ideas in the world of data science, an excellent setting for participants to witness the application of data science in rich real-world domains.

Following are the details of four-panel discussions that are lined up during the summit followed by a speaker session in the respective topics.

SESSION 1: INTELLIGENT DECISIONS FOR CUTTING-EDGE RETAIL

The retail sector is undergoing fundamental changes as a result of data analytics and computer science. Retail Analytics session brings together experts from academia and industry to discuss a variety of topics addressing “Data-Driven Analytics” in the Retail Sector. Harnessing big data in the retail sector has enormous potential. As retail organisations capture more data on everything along the supply chain, they can make more accurate and precise decisions to boost business performance. The prevalent use of the web, mobile, social media and more recent development of the Internet of Things is expected to fuel exploding growth in data volume. Advanced analytics tools may help examine the large volume of data sets to uncover hidden patterns and reveal the correlations. But how to unlock value from data by making information more transparent and usable is a big challenge. This summit aims to explore the opportunities and challenges on how to put the right technology in place to capture the full potential of big data analytics. The conference focuses on implementation and executing retail AI strategies, as well as exploring emerging trends in analytics.

Panel Discussion:

- “AI-driven analytics for Corporate Strategy: Unlocking the Future.”

SESSION 2: INTELLIGENT HEALTH AI

Technology is an ever-evolving space and healthcare is an industry that constantly needs to stay on top of technological advancements. As patients have become more conscious and are taking more control over their health decisions, healthcare providers and payers have to be cutting-edge when it comes to their technology usage. With so many technological advancements, analytical tools and models, and an ever-increasing need, how do business leaders truly cultivate a winning strategy that will not only maximise data's value but also make a real impact on healthcare and costs. The session will be focusing on the current and anticipated AI challenges as well as Legal and regulatory issues within AI in healthcare, exploring the present & the future State of AI in healthcare. The event will provide a holistic view into challenges and issues IT & analytics professionals within the healthcare industry are facing today. Bringing together analytics, data privacy and IT into one umbrella will allow IT and Analytics Executives within healthcare the opportunity to be in-sync with one another and provide the ability to lead the “charge” technically speaking.

Panel Discussion

Understanding “Thinking Biases” to improve cognitive decisions

SESSION 3: AI IN FINTECH

Fintech has evolved from start-ups disrupting incumbents with their innovative approaches, to building partnerships and strengthening the financial services eco-system. Mobile wallet companies have now evolved into payment banks, proving to be an effective gateway for financial inclusion. Banking today is not about just saving, spending or transactions. It's about using a combination of AI and big data analytics to help clients with financial decisions. This session brings together influential, disruptive and innovative technology experts that are redefining financial services across all areas of Fintech: big data, cryptocurrency, block-chain and payment.

Panel Discussion:

“The Era of Open Data: Open Banking”

SESSION 4: RETHINKING PRIVACY IN AI ERA

With the development of digital technologies, mass data is generated every day; it also comes along with data security and privacy problems. Many countries have published regulations or laws regarding data security and privacy. The regulations have brought many challenges to business operations, such as cross border data transmission, user data collection and storage, etc. Data governance is one of the critical parts of the overall corporate governance today as an increasing number of sophisticated data leaks and attack vectors can reveal sensitive information. This session has thought-provoking speakers and leaders across industries that will discuss the data and privacy compliance, advanced technologies and some practical experience in different industries that will help develop a complete data governance strategy with supporting technology capabilities.

Panel Discussion:

“Data Privacy and Governance in AI ERA”

Following is the tentative schedule of the summit:

S. No	Session Details	Time
1	Registration	9.00 am - 10.00 am
2	Inauguration	10.00 am - 10.30 am
3	Key Note Speaker session	10.30 am - 11:30 am
4	Tea Break	11:30 am - 11:45 am
5	Panel Discussion 1: “Intelligent Decisions for Cutting-Edge Retail”	11.45 am -12.30 pm
6	Speaker Session 1	12:30 pm - 1:00 pm
7	Networking Lunch	1.00 pm - 2.00 pm
8	Speaker Session 2	2:00 pm - 2:30 pm
9	Panel Discussion 2: Intelligent Health AI	2.30 pm - 3.15 pm
10	Speaker Session 3	3.15 pm - 3.45 pm
11	Tea-Break	3:45 pm - 4:00 pm
12	Panel Discussion 3: AI in Fintech	4.00 pm - 4:45 pm
13	Speaker Session 4	4:45 pm - 5:15 pm
14	Panel Discussion 4: Rethinking Privacy for the AI Era	5.15 pm - 6.30 pm
15	Closing Remarks	6.30 pm - 6.45 pm
16	Networking Dinner	7.00 pm - 9.30 pm