

Applied Data Analytics in Risk, Control & Audit

Workshop Overview

ISACA Malaysia Chapter in collaboration with The Institute of Internal Auditors of Malaysia (IIAM) is excited to bring to you a practical workshop in Applied Data Analytics within Risk, Control and Audit space. This hands-on workshop aims to give the participants an understanding on the types of data analytics, its benefits, the various standards of data analytics along with their respective limitations.

Throughout the program, there will be group discussions, case studies and practical analysis as attendees will learn the different types of data analytics modes. You will also be given the opportunity to experience “hands on” in building a Machine Learning model of a business process and discover relationships within datasets.

Who Should Attend

Suitable for General Auditors, IT Auditors and IT Consultants who desire to gain a deeper understanding of Big Data Analytics application in the Risk, Control Compliance, Business and Finance users who want to understand the potential benefit of Big Data Analytics deployment of machine learning and artificial intelligence.

Pre-requisite : None

14 CPE hours

What You Will Learn

- Define what is data analytics in Risk, Control and Audit (RCA)
- Discuss the types and benefits of data analytics in RCA
- Understand the data analytics process
- Explore the types of standard data analytics using spreadsheets and specialized software
- Planning standard data analytics tests
- Explore advanced data analytics in databases and visualization tools
- Planning for advanced data analytics engagements
- Discuss the benefits and limitations of standard and advanced data analytics
- Analytics of Continuous auditing and business intelligence as part of advanced data analytics using real-life Continuous Auditing System
- Gain understanding of Big Data and Artificial Intelligence / Machine Learning
- Big Data sources, case studies discussion of applying Big Data in organization
- Types of machines learning and building a machine learning model of a business process and discovering relationships within datasets



Your Trainer

Your Trainer

Mario Bojilov is a Certified Information Systems Auditor (CISA) and holds a Master of Engineering Science (by Research) Degree from University of Queensland and a Graduate Diploma in Applied Finance and Investment from the Financial Services Institute of Australasia (FINSIA). Mario has worked in Information Systems Audit and Risk since 1994 and has managed implementations and delivered continuous assurance/monitoring solutions for a variety of diverse organizations. Starting in 2007, Mario Bojilov has developed and delivered a number of industry workshops within the IS Risk, Data and Big Data Analytics areas. These include workshops for a ISACA Chapters in Oceania, and Big Data-related workshops in Australia, South-East Asia and the Middle East - Kuala Lumpur, Singapore and Dubai.



Mario has also appeared as a presenter and lecturer at various professional and academic bodies, such as Institute of Internal Auditors (IIA), Information Systems Audit and Control Association (ISACA), University of Queensland and QUT. Mario has served on the Board of ISACA-Brisbane as Education Director, Vice-President and President, on the External Advocacy Committee of ISACA International and was the Topic Leader for “Big Data” in ISACA’s Knowledge Center. In addition to his professional and training activities, Mario is currently pursuing a Doctor's degree focused on identifying and combating cyber-crime within the financial services sector.

Course Outline

You will learn the following over these 2 days workshop:

- Definitions and Benefits of Data Analytics in Risk, Control & Audit (RCA)
- The Data Analytics Process
- Types of Data Analytics
- Standard Data Analytics in RCA using Spreadsheets & Specialized Software
- Advanced Data Analytics in RCA using Database & Visualization Tools
- Advanced Data Analytics in RCA : Continuous Auditing & Business Intelligence
- State of the Art Data Analytics in RCA : Big Data & Artificial Intelligence / Machine Learning
- Success Factors & Stumbling Blocks in RCA Data Analytics

Hands-On
Workshop with
Computer Lab
Facilities!

Details and Registrations

Event: Applied Data Analytics in Risk, Control & Audit

Date: 19 – 20 March 2018

Venue: Info Trek Sdn Bhd
Unit-350, 3rd Floor, AmCorp Mall, 18 Persiaran Barat,
Petaling Jaya, Selangor Darul Ehsan, 46050
<http://www.info-trek.com/>

Fees: RM 2,600 for ISACA members
RM 3,100 for non members

Contact: Mr Seelan, ISACA Office Administrator
Mobile: 017 219 6225 | Email: officeadmin@isaca.org.my

Important Notice

As good practice, ISACA Malaysia Chapter is informing you that your personal data will be processed, retained and used by ISACA Malaysia Chapter in relation to this training event. Your personal data may also be retained and used by ISACA Malaysia Chapter to market and promote training events conducted by ISACA Malaysia Chapter.

Reservations & Registrations:

Places are LIMITED. Please register as early as possible. Registration will only be confirmed upon receipt of registration form, followed by payment, if applicable. If payment is applicable, upon receipt of the registration, the fee will be a debt due to ISACA Malaysia Chapter.

ISACA Malaysia Chapter reserves the right to change the venue, date, speakers, and programme or to cancel the programme should unavoidable circumstances arise. If applicable, a full refund of fees will be made in the event of cancellation.

Payment Details:

Fees are not refundable once registration is confirmed, however, replacements may be sent. Cheques should be made payable to “Information Systems Audit And Control Association” and mailed to: ISACA Malaysia Chapter, Unit 916, 9th Floor, Block A, Damansara Intan, No.1, Jalan SS 20/27, 47400 Petaling Jaya, Selangor.

Alternatively, payment can be banked into: Maybank Account number – 512231822725. Bank in slip or Internet Banking confirmation MUST be faxed to 03-7726 1257 or emailed to officeadmin@isaca.org.my, with a cover note stating Event Name, Organisation / Participant(s) Name and Amount Banked In. Payment will not be recognised without this cover note.

Note: This is an editable PDF.

Participant Name	Designation	Membership No	Email

Organisation & Contact Details			
Organisation Name			
Address			
Contact Person			
Telephone		Department	
Fax		Email	