

# Data Analytics Workshop

## Training Overview

Anybody can create insight. But what are you going to do about it? The best analytics initiatives start with outcomes in mind – along with a plan for realizing them.

## The Insight Advantage

Analytics is at its best when it is providing practical insights to inform your approach to the real business challenges you encounter every day – fast.

- ✓ Identify – What if you could identify the top consumer color preference to exploit first-over advantage?
- ✓ Predict – What if you could predict supply chain interruption and mitigate risks in real time?
- ✓ Detect – What if a company could proactively detect fraud and “nudge” the potential perpetrators to do the right thing
- ✓ Anticipate – What if you could anticipate next month’s sales accurately enough to adjust production targets?
- ✓ Tap into – What if you could instantly tap into everything being written about your business to make faster, more informed decisions?

This is an introductory course which aims to help practitioners uncover and unlock the value buried deep inside vast amounts of data. At the end of the course, practitioners should have an idea on how to apply analytics strategically, and implement practices to manage data from disparate sources and convert it into accurate, actionable information that can support fact-driven decision making and generate an insight-driven advantage.

*Note: This course will focus on the use of Tableau.*

## What You Will Learn

- ✓ Key Risk Analytics Processes and Skills
- ✓ Key Risks to be Mitigated
- ✓ Application of Risk Analytics
- ✓ The Changing Nature of Risk & Internal Audit & Compliance
- ✓ Analytics and Fraud Risk
- ✓ Success Criteria to Establishing a Risk Analytics Capability
- ✓ Risk Analytics Tools
- ✓ Payroll Analytics
- ✓ Procurement & Accounts Payable Analytics
- ✓ Safety Analytics
- ✓ Expense Analytics

## Who Should Attend

This programme is suitable for Business Management, Chief Executives, IT/IS Auditors, Internal Auditors, Information Security and IT Practitioners, Consultants and IT/IS Management wanting to gain insight into Analytics, and how it can be applied to the current organisation.

14 CPE hours

# Your Trainers

## Mark Woodley – Deloitte Asia Pacific Analytics Leader



Mark leads the Asia Pacific Risk Analytics team, and has over 20 years of experience working with client data to provide tactical and strategic insight. Mark and his team specializes in conduct risk, financial crime, quantification of damage / loss in support of fraud investigations, cost savings, revenue leakage, and payroll analytics.

In his course of work, he has supported numerous clients across a wide range of industries, including the financial services sector. Selected achievements include:

- ✓ Supported four large conduct related projects with major banks, covering bad financial advice, bad insurance advice and misspelling of mortgages
- ✓ Provided expert evidence in a royalty dispute between two music industry parties, quantifying unpaid royalties of \$19 million on sales
- ✓ Analysed data in support of a contract dispute between a bank and their IT service provider, with \$20 million dollars at stake
- ✓ Involved in a global investigation into bribery allegations of over US\$1 billion

# Analytics Training - Programme

## Day One

### 9:00 AM : Session 1 Introduction

Topic 1 - Key Risk Analytics Processes and Skills

Topic 2 - Key Risks to be Mitigated

Topic 3 - Application of Risk Analytics

### 10:30 AM : Morning Break

### 11:00 AM : Session 1 Introduction (Continued)

Topic 4 - The Changing Nature of Risk & Internal Audit & Compliance

Topic 5 - Analytics and Fraud Risk

Topic 6 - Success Criteria to Establishing a Risk Analytics Capability

Topic 7 - Risk Analytics Tools

### 12:30 PM : Lunch

### 2:00 PM : Session 2 Payroll Analytics

### 3:30 PM : Afternoon Break

### 4:00 PM : Session 2 Payroll Analytics (Continued)

### 5:00 PM : Day 1 Session Wrap Up

## Day Two

### 9:00 AM : Session 3 Tableau Hands On

### 10:30 AM : Morning Break

### 11:00 AM : Session 4 Procurement & Accounts Payable Analytics

### 11:45 AM : Session 5 Employee Expenses Analytics

### 12:30 PM : Lunch

### 2:00 PM : Session 6 Safety Analytics

### 3:00 PM : Session 7 IA The Next Generation

### 4:00 PM : Programme Wrap Up

# Details and Registrations

**Event:** Data Analytics Workshop

**Date:** 13 – 14 January 2020

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

**Fees:** RM 1,880 for ISACA members  
RM 2,480 for non members

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

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