The Dayton Chapter of the IIA is excited to offer a two-day seminar on

Implementing Data Analytics In Internal Audit

DATES & TIME:  March 1st and 2nd, 2018, 8:30 am—4:30 pm

VENUE:  Top of the Market, 32 Webster St., Dayton, OH. Parking is onsite and free of charge. We are utilizing the same venue as last year, but with an improved conference space!

COST:  $450 (that’s only $28 per CPE!) Price includes breakfast & lunch each day as well as a happy hour networking event Thursday evening. Registration is limited, so reserve your space now!

Complete the registration form on the following page and either use PayPal or send in a check to reserve your spot.

Today’s Internal Audit environment demands audit departments to “do more, with less”. A formal data analytics program can go a long way in helping an audit function become more efficient, easily scalable and significantly reduce auditing errors all while providing greater audit and fraud risk coverage. This course will help internal auditor staff and management understand what data analytics can do, what tools are available for data analytics, what is really involved starting a data analytics program, what areas should be targeted and most importantly, where to start.

CPE Hours: 16
Last Name: ___________________ First Name: ___________________

Organization: ______________________________________________________

Street Address line 1: ________________________________________________

Street Address line 2: ________________________________________________

City/State/Zip: _______________________________________________________

Email: ___________________ Phone: _______________________________

Amount Enclosed: ___________ $450

Please list any dietary requirements: ________________________________

Directions:
If using PayPal, complete form and email to Jeffrey Daufel at: jeffrey.daufel@CareSource.com

Please note, if paying by credit card on the PayPal site, click "Continue" on the opening screen and the credit card option will be at the bottom.

If paying by check, complete this form and mail with your check to:

Jeffrey Daufel
CareSource
230 North Main Street
Dayton, OH 45402
Summary of Internal Audit & Related Experience

Keith Barber specializes in data analytics training, data analytics program implementations, and advancing data analytics programs. He has extensive experience helping clients solve complex data issues using various software tools. His professional expertise includes data analytics, IT audit, fraud detection, automated control monitoring, the use of Business Intelligence to support strategic decision making, and personnel/project management. During his tenure with the Big 4, Keith delivered a number of audit data analytics projects in support of financial audit, tax engagements, business risk and IT engagements.

As a Corporate Audit Manager of Data Analytics of a financial services company, Keith built a world class data analytics program encompassing real-time risk analysis scorecards, sophisticated continuous auditing and monitoring, automated action item tracking and automated large swaths of SOX testing. Additionally, Keith has trained and developed hundreds of data analysts through training courses he teaches, and within the organizations where he has led data teams. Over the course of his career, Keith’s technical expertise and seasoned judgment were key to satisfying client needs, delivering the right level of customization to ensure that clients received the highest value for their investment.

Keith has experience planning, executing and reporting on Sarbanes Oxley IT General Control testing within the areas of logical access user provisioning/Segregation of Duties (SOD), program change management/ System Development Life Cycle (SDLC), system backup/ disaster recovery and data center physical security for the application, database, OS and infrastructure layers within all financially-relevant enterprise systems.

Education

Mr. Barber received his BS in Computer Science from Madonna University. He is a Certified Information Systems Auditor (CISA), ACL Certified Data Analyst (ACDA) and an ACL Certified Trainer. He maintains memberships in The Institute of Internal Auditors (IIA), ISACA and Association of Certified Fraud Examiners (ACFE).
Overview of Data Analytics

- What is Data Analytics
- CAAT’s vs. Continuous Auditing vs. Continuous Monitoring
- Why Data Analytics
- Data Analytics uses in Internal Audit? In business?
- Compliance, Fraud, SOX, 100% audits
- Available Data Analytics tools.
- Implementation process overview

Data Analytics Programs for Internal Auditors

- Leveraging continuous auditing for audits
- Leveraging continuous monitoring for the business and fraud programs
- Sarbanes-Oxley (leveraging data analytics to reduce SOX efforts) 100% audits
- Fraud detection and prevention (common fraud detection techniques and where to start)

Starting a Data Analytics Program

- Start with objectives for data analytics in mind
- Working with databases including gaining access, mapping, data dictionaries, vetting and then vetting again, “CLEAN” data, risks of using data originals or copies, where to import the data, and how to avoid corrupting data
- Dedicating Resources
- Working with Operations & IT
- Choosing the right tool for your organization including hosting and consultants

Planning the Approach

- Ad hoc testing (where and how to begin, easy wins, and areas of focus)
- Repetitive testing including making it part of the audit program and expanding into operational and performance auditing
- Continuous auditing (automation, managing the exception reporting, and what to do when you no longer have exceptions)
- Continuous monitoring

A Closer Look at Fraud Risk Assessments

- Auditors responsibilities in preventing and detecting fraud

Common Uses and Best Practices of Data Analytics in Audit (Case Studies, Demos, Exercises)