THE CYPRUS INSTITUTE OF INTERNAL AUDITORS

Training objectives

1. 09-10: Understand the opportunities that are offered by data analytics to the auditor:
    1. Difference between random sampling and power sampling
    2. KPIs of the entire business process
    3. Risk profiling
    4. Analysis of trends and indicators for audit planning
    5. Automation of internal audit tasks
    6. Directive approach for junior audit teams
2. 10:00-10:30: Become aware of the different types of tools that auditors can use to do data analytics:
    1. Data mining,
    2. Data visualization,
    3. Artificial Intelligence for learning, modelling, predicting
    4. Generative Artificial Intelligence for automated creation of python code and data visualizations
3. 10:30-10:45 – Virtual coffee break
4. 10:45- 11:00: Understand how to set-up a budget and business case for the introduction of data analytics into the audit function, analysis of an example budget
5. 11:00 – 11:45: Understand the challenges for using data analytics:
    1. Human resources challenges and training needs
    2. Data Analytics Framework for integrating data analytics into the audit
    3. Managing expectations and getting passed Change Management issues
6. 11:45 – 12:00: Question time

About the Instructor

Mrs. Worledge is a CIA, CFE, CISA qualified with 10 years of working experience in Deloitte. Now she is the Managing Director of Aufinia Consulting, providing Internal audit services, Data Analytics expertise and Automated Internal Controls in Shanghai, Hong Kong, Ho Chi Minh and Paris.

She provides coaching of internal audit teams on the strategy for integration of data analytics into the audit approach and on the use of data analytics during audits.

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