CONSULTING SERVICES: EMERGING TECHNOLOGY LIBRARY

Power BI: Introduction to Audit Visual Analytics

Program description:

This course will be an overview of:

- The benefits of creating visualizations to address audit objectives
- Limitations of visualizations in analytics
- The types of visualizations that are used to address specific aspects in anaudit
- The Power BI Interface and capabilities
- Generating visualizations in Power BI pertaining to audit data
- Interpreting and modifying visualizations in Power BI to address audit objectives

Learning objectives:

After completing this course, the learner should be able to:

- Identify the benefits and limitations of visual analytics as it pertains to auditing
- Identify applicability of visualization types to different aspects of an audit
- Generate Visualizations using Power BI
- Interpret Power BI visuals and how they address audit objectives

Instructional delivery methods/ course format:	On-Demand
Credit(s):	2
Field of study:	Auditing
Prerequisites:	None
Knowledge level:	Basic
Advance preparation:	Install Power BI Desktop

Power BI: Dashboards

Program description:

This course will be an overview of:

- Relationships between data sets
- The benefit of dashboards over stand-alone visualizations
- Additional insights of interactive dashboards over static reports
- Power BI dashboard creation including interactive dashboards
- Real time analysis and interpretation of dashboards
- Effective dashboard design including layout in Power BI

Please review slide 16 of the PDF Handout for instructions on downloading and installing the required software: Power BI before starting this course.

Learning objectives:

After completing this course, the learner should be able to:

- Understand foundational knowledge on dashboards/relationship building
- Establish effective visuals for dashboards
- Effectively design dashboards including layout
- Generate interactive dashboards
- Utilize dashboards for real-time analysis

Instructional delivery methods/ course format:	On-Demand
Credit(s):	2
Field of study:	Computer Software & Applications
Prerequisites:	None
Knowledge level:	Basic
Advance preparation:	Install Power BI Desktop

Power BI: Digital Transformation

Program description:

This course will be an overview of:

- The importance and benefits of digital transformation
- The steps to implement digital transformation
- Software as a driver of digital transformation
- The role Power BI can play in digital transformation
- Power BI digital transformation processes

Learning objectives:

After completing this course, the learner should be able to:

- Define digital transformation
- Identify the benefits and necessitation of digital transformation in the current environment
- Connect how digital transformation is driven by data, people, and software
- Identify the role that Power BI can play in digital transformation
- Identify digital transformation of processes using Power BI

Instructional delivery methods/ course format:	On-Demand
Credit(s):	2
Field of study:	Computer Software & Applications
Prerequisites:	None
Knowledge level:	Basic
Advance preparation:	Install Power BI Desktop

What is ERP Software and Digital Transformation Systems

Program description:

This course will be an overview of:

- ERP systems defined
- Examples of ERP systems
- Advantages of implementing an ERP system
- Challenges of implementing an ERP system
- Digital transformation systems defined
- Differences between ERP systems and digital transformation
- Benefits of digitally transforming a company's information technology system

Learning objectives:

After completing this course, the learner should be able to:

- Define what an ERP system is
- Provide examples of widely used modern ERP systems
- List the advantages and disadvantages of implementing an ERP system
- List the challenges of implementing an ERP system
- Define digital transformation systems
- Contrast the differences between an ERP system and digital transformation
- List the benefits of digitally transforming a company's information technology system

Instructional delivery methods/ course format:	On-Demand
Credit(s):	2
Field of study:	Information Technology
Prerequisites:	None
Knowledge level:	Basic
Advance preparation:	None

Managing Consulting Engagements: IT Auditing

Program description:

This course will be an overview of:

- Items to consider when determining the need for outsourced internal audit consultants
- Identifying higher-risk areas and in-house competency gaps
- IIA standards relevant to managing outsourced consultants
- Managing the risk assessment and audit planning process
- Managing outsourced engagements to ensure timely and effective completion
- Effective communication and coordination
- Evaluation of successes and failures of engagements and implementing corrective action

Learning objectives:

After completing this course, the learner should be able to:

- Determine which internal audit services should be performed in-house or outsourced
- Identify in-house competency gaps and the level of assistance required
- Cite IIA standards relevant to managing outsourced consultants
- Effectively provide input and ensure proper risk assessment and planning
- Ensure engagement deadlines are met and desired quality is achieved
- Manage status reporting and ensure internal customer needs are met
- Implement corrective action plans for any identified service failures

Instructional delivery methods/ course format:	On-Demand
Credit(s):	1.5
Field of study:	Auditing
Prerequisites:	Basic familiarity with auditing concepts
Knowledge level:	Intermediate
Advance preparation:	None

Reduce Fear and Uncertainty: Managing Tech Engagements with Technophobic Clients

Program description:

This course will be an overview of:

- The finance and accounting impacts of major IT engagements
- Facilitating understanding of finance/accounting/business process and job roles changes
- Becoming a trusted financial technology advisor

Learning objectives:

After completing this course, the learner should be able to:

- Understand the most common IT engagements and their business drivers
- Assess how technology engagements impact client business processes and job roles
- Develop client comfort with IT engagements, reducing resistance

Instructional delivery methods/ course format:	On-Demand
Credit(s):	1
Field of study:	Business Management and Organization
Prerequisites:	None
Knowledge level:	Basic
Advance preparation:	None

Opportunities in Emerging Tech: Building Trust and Mitigating Risk

Program description:

This course will be an overview of:

- Learning the elements of building and maintaining client trust and rapport
- Assessing challenges and resistance clients experience to emerging tech
- Understand key emerging IT and management-driven technologies and their impact on accounting

Learning objectives:

After completing this course, the learner should be able to:

- Understand and act to become a trusted advisor to clients
- Facilitate client's understanding of business and financial benefits of emerging technologies, mitigating risk
- Develop a personal skills game plan to integrate the impact of emerging IT and management technologies into your accounting practice

Instructional delivery methods/ course format:	On-Demand
Credit(s):	2
Field of study:	Business Management and Organization
Prerequisites:	None
Knowledge level:	Intermediate
Advance preparation:	None

Digital Assets: Tracking Tangible Assets with Blockchain Non-Fungible Tokens

Program description:

This course will be an overview of:

- Blockchain and non-fungible tokens
- Using blockchain and non-fungible tokens to track tangible assets
- Establishing rules for the ecosystem and creating the assets
- Transferring/selling and retiring/disposing of the assets
- Limitations and challenges

Learning objectives:

After completing this course, the learner should be able to:

- Describe the difference between fungible and non-fungible blockchain tokens
- Articulate the importance of coordination between key stakeholders to create a blockchain ecosystem in which non-fungible tokens can be used to track tangible assets
- Describe the process of linking a non-fungible token to a tangible asset
- Identify threats to the reliability of an asset's provenance recorded on blockchain when a non-fungible token is used to track a tangible asset

Instructional delivery methods/ course format:	On-Demand
Credit(s):	1
Field of study:	Information Technology
Prerequisites:	None
Knowledge level:	Intermediate
Advance preparation:	None