University of California
2019 Ethics, Compliance and Audit Symposium
REACHING NEW HEIGHTS

TeamMate®Analytics

Presenter:

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Wolters Kluwer

Ethics, Compliance & Audit
Symposium
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Agenda

- Introduction
- Overview of Data Analytics
- TeamMate Analytics at UC
- Demonstration
- Question/Answer

What is Data Analytics?

The science of examining

raw **data** with the purpose of

drawing conclusions about that information.

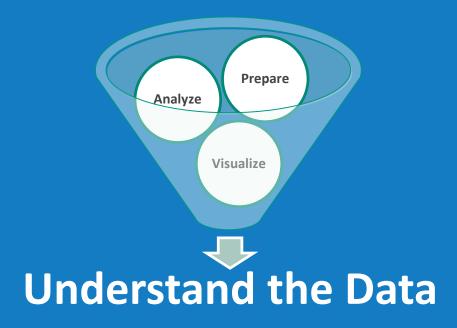*TechTarget-SearchDataManagment

Important Definitions of Data Analytics

Data analysis as used by internal auditors is the process of identifying, gathering, validating, analyzing, and interpreting various forms of data within an organization to further the purpose and mission of internal auditing.

- IIA Global Technology Audit Guide 16 (Data Analysis Technologies)

Data analytics is defined as the process of inspecting, cleaning, transforming, and modeling data with the goal of highlighting useful information, suggesting conclusions, and supporting decision making.

- Various Sources

Data analytics is an analytical process by which **insights** are extracted from **operational**, **financial**, and **other forms** of electronic data internal or external to the organization. These insights can be **historical**, **realtime**, or **predictive** and can also be **risk-focused** (e.g., controls effectiveness, fraud, waste, abuse, policy/regulatory noncompliance) or **performance-focused** (e.g., increased sales, decreased costs, improved profitability) and frequently provide the "**how?**" and "**why?**" answers to the initial "**what?**" questions frequently found in the information initially extracted from the data.

- KPMG

Data Analytics

Prepare

Analyze

Visualize

Understand the Data

Guidance from Global Organizations

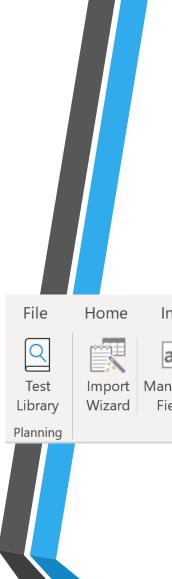- The IIA

- ACFE

- COSO framework

IIA Standards and Analytics

- Standard 2300: Performing the Engagement

- Standard 2310: Identifying Information

- Standard 2320: Analysis and Evaluation

- Standard 2320-1: Analytical Procedures

What is TeamMate Analytics?

- A collection of over 160 powerful data analysis tools
- Specifically designed for Auditors and Accountants
- Runs on top of the familiar Excel environment

- Designed with ease of use at it's core
- Suitable for Auditors of all IT skill levels
- Minimal training requirements

TeamMate Analytics is Feature Rich!

- Test Library

- Visualization Tools

- Import Wizard

- Data Preparation Tools

- Data Analysis Toolkit

- Expert Analyzer

- Sampling Tools

Key Benefits of TeamMate Analytics

- Empower every auditor to perform powerful data analytics

- Work in Excel while gaining all the benefits of a powerful data analytics tool.

- Minimal training required

- Reduce the time spent on monotonous and repetitive tasks

- Create opportunities to provide additional services

- Add value to all of the work you perform

- Reduce your exposure to risk

Data Analysis Process

1. Define your Objective

2. Understanding Your Data Source

3. Data Preparation

4. Analyzing Data

5. Reporting Results

TeamMate Analytics Demo

UC Citrix Store Front

Questions??