

**Workshop #4:** *Leveraging Financial Analysis and Data Visualization Software in Accounting Courses*

Saturday August 5, 2023, 1:00 pm -5:30 pm

**Category:** Teaching-Oriented Workshop

**Presenters:**

Kristine Brands, United States Air Force Academy

**Long Description:**

The speed of change in technology is dramatically impacting the accounting profession and accounting higher education. Today's accounting students must develop technology skills to be competitive in the marketplace. This demand places pressure on accounting faculty who must keep up with the changes and incorporate technology in their accounting curriculum. This workshop begins with a short overview of emerging technology trends impacting accounting. Then, in a hands-on workshop format, it focuses on two leading software tools, Calcbench and Tableau to teach faculty how to leverage these tools in their courses. To learn the software, the participants will complete short case studies they can take back to their accounting classes.

**Format/Structure:**

This basic workshop begins with a short overview of emerging technologies and links them to undergraduate and graduate accounting courses. Then a hands-on workshop shows the participants how to incorporate Calcbench (financial analysis) and Tableau (data visualization) into their accounting classes using case studies.

**Intended Audience:**

All levels of faculty.

**Prerequisites:**

None

**Advance Preparation:**

Successfully install and login to Calcbench and Tableau prior to the workshop following instructions from the instructor.

**Learning Objective:**

o Explain how data analytics, data visualization, artificial intelligence, blockchain, robotic process automation, XBRL, and cybersecurity are impacting the accounting profession. o Integrate Calcbench and Tableau assignments and case studies into accounting courses including managerial accounting, auditing, accounting capstone, financial accounting, intermediate accounting, and accounting information systems courses through hands-on workshop exercises o Identify how Calcbench and Tableau software can be used for academic research.

**Field of Study:** Computer Software & Applications

**Program Level:** Basic