

**Workshop #15:** *Interactive Fraud Investigation Case and a Hands-On Alteryx Case*

Sunday, August 6, 2023, 1:00 pm-4:30 pm

**Sponsored by:** Forensic Accounting Section

**Category:** Teaching-Oriented Workshop

**Presenters:**

Alyssa Ong, Pepperdine University  
Leah Wietholter, Workman Forensics

**Short Description:**

This session will cover two cases suitable for use in classrooms. The first will introduce Alteryx via a case and Alteryx resources. The second case is a tabletop card game related to the fraud investigative process.

**Long Description:**

This workshop will introduce participants to Alteryx and a tabletop card fraud investigative game.

Alteryx will be taught through a teaching case. We will also be introducing participants to Alteryx resources and ideas on including Alteryx into the curriculum. The second half of the workshop will involve an interactive case where participants apply a fraud investigative process to calculate the embezzlement loss and find recoverable assets of the game (modeled on a real fraud case).

**Format/Structure:**

The workshop will be split into two parts:

The first part will start with a brief introduction to Alteryx, then an introduction to the case before the hands-on section. For the last 30 minutes, we will cover the different resources, cases, and certifications that participants can use to learn more about Alteryx and how to include it in a classroom setting.

The second part will involve a short concept-based presentation about the standard objectivity using the Data Sleuth Process (Trademarked). Participants will then have 65 minutes to work through the case applying the process to calculate the embezzlement loss and find

recoverable assets. A presentation providing the case solution and real case facts will wrap up this part of the workshop.

**Intended Audience:**

Participants interested in learning more about Alteryx who have no prior Alteryx experience, faculty interested in teaching a course that utilizes Alteryx, participants interested in an interactive fraud investigation case.

**Prerequisites:**

none.

**Advance Preparation:**

1. Get an Alteryx license. It is free for educators and students ([alteryx.com/sparked/educators](https://alteryx.com/sparked/educators)) 2. Download Alteryx Designer prior to the workshop.

**Learning Objective:**

1. Learn the foundations of Alteryx Designer through a case. 2. Learn about the available resources to learn more about Alteryx as well as where to find more Alteryx cases in accounting. 3. Application of basic data analytics concepts to cases. 4. Learn the application of the ethical standard of objectivity. 5. Quantifying loss based on best evidence. 6. Communication of loss and other findings to clients, judges, juries, and law enforcement.

**Field of Study:** Behavioral Ethics

**Program Level:** Basic