Sunday, August 11, 2024
8:00 am – 4:00 pm

WS# 4: Integrating Data Analytics Into Your Accounting Courses

Data analytics is a process that transforms raw data into insights that can help answer relevant questions. This workshop will take you through the different steps of the data analytics process, and we will discuss how to integrate the different skills needed to complete the process into your accounting classes. To accomplish this goal, we will:

- Discuss the different skills your students need to learn to complete a data analytics project successfully-what you should teach (curriculum).
- Discuss different ways (pedagogies) of teaching these skills-how to teach.
- Teach several short, hands-on labs using Power BI. Topics to be covered in these labs include cleaning and integrating data, calculating accounting information, developing dashboards, generating and interpreting insights, solving accounting problems with data analytics, and advanced techniques.
- Discuss additional challenges when teaching data analytics, particularly the writing and grading of assignments.

Intended Auidence:
All faculty who are teaching or plan to teach a data analytics class in the accounting curriculum or who integrate or plan to integrate data analytics into their accounting classes.

Format:
The workshop will combine presentations with hands-on exercises

Learning Objectives:
Development of a data analytics curriculum.
Learn the skills needed to complete a data analytics project successfully.
Learn how to teach data analytics skills to accounting students successfully.
Learn about data analytics assignments and how to grade them (best practices).

Program Level: Beginner
Prerequisites: None