

SCALING ANALYTICS ACROSS HIGHER EDUCATION WORKSHOP

Join us for this enlightening two-day workshop, tailored specifically for the higher education sector. This comprehensive programme is designed to introduce and deepen your understanding of analytics, from foundational data principles to the cutting edge of advanced analytical techniques.



DAY 1: FOUNDATIONS OF DATA AND ANALYTICS

Kickstart the day with a deep dive into the essentials of data in higher education. Explore the intricacies of data collection, storage, and management, followed by hands-on sessions in data wrangling and the fundamentals of visualising data. By the end of the day, participants will be able to convert complex data sets into visually compelling stories that drive decision-making.

DAY 2: ADVANCED ANALYTICS AND STORYTELLING

Elevate your skills with advanced sessions on SQL queries, data security, privacy, and an introduction to the transformative power of advanced analytics, including AI and machine learning, within the context of higher education. Through practical exercises, discover the latest technologies and modeling techniques to harness the full potential of data analytics.

LEARNING OUTCOMES:

By completing this workshop, participants will:

- Understand and apply the basic concepts of data, data management, data wrangling, and visualisation techniques.
- Gain knowledge of advanced analytics methodologies, such as Random Forests, and Logistic Regression.
- Apply both basic and sophisticated analytics techniques across real-world educational scenarios for improved outcomes.

WHO SHOULD ATTEND?

This workshop is ideal for a diverse audience, including academics, data analysts, institutional researchers, statisticians, information specialists, citizen data scientists, data scientists, and interested research students. No prior knowledge of advanced analytics is required, making this an excellent opportunity for anyone looking to enhance their analytics capabilities in the educational sector.

DATE: 30 – 31 MAY 2024

TIME: 09:00 - 16:00

VENUE: UNIVERSITY OF THE WITWATERSRAND

WORKSHOP FEE: R4000 PER DELEGATE