



ONLINE SHORT COURSE

Data Literacy is the next fundamental skill... are we ready?

Tuesday, 21 May 2024, 17h00-19h00 SAST

--- Attend this course to earn CPD points through SACNASP ---

COURSE DESCRIPTION

We are well and truly in the data age. As both consumers and producers of vast amounts of data on a daily basis, our success in society on the midst of the 4IR is predicated on a fundamental understanding of data and how it is presented, analysed and manipulated. Without this ability, we run the risk of being left behind, overlooked and misinformed. Being "data literate" is more important than ever.

Data literacy is the bedrock of data science, business intelligence and, plays an important role in modern social and societal changes. Being able to make sense

of data and statistics has thus become as fundamental a skill as reading, writing and basic mathematics. In an ever-growing digital society, are we equipped to face the challenges of a data centered world?

In this presentation the need for data literacy as well as its core paradigm will be introduced and discussed. A framework for developing data literacy in the South African context at all levels of education will be presented. Finally, the need for data literacy as a fundamental tool in the modern business world will be explored and discussed.

PRESENTER

Dr Warren Brettenny

Matrix Design Africa

Data Scientist: Decision Intelligence Team

Warren Brettenny is a data scientist in the Decision Intelligence Team at Matrix Design Africa. Warren completed his PhD in Mathematical Statistics at Nelson Mandela University in 2017 and has held the position of as Head of the Department of Statistics at Nelson Mandela University, and also as President of the South African Statistical Association (SASA). He is currently working in the data science field and has experience presenting postgraduate and undergraduate content in data analytics. He has supervised several Masters and current PhD students. His research interests are in the general applications of statistical methods, resource allocation and efficiency assessments and finance.



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