

You are invited to attend a virtual course hosted by ICCSSA

Data Literacy

PRESENTER:

Dr Warren Brettenny

Email: Warren.Brettenny@mandela.ac.za

Institutional affiliation: Nelson Mandela University

Head: Department of Statistics



Warren Brettenny, Head of the Department of Statistics at Nelson Mandela University, was elected Vice-President of the South African Statistical Association (SASA) in 2020, and became SASA President in 2021. He completed his PhD in Mathematical Statistics at Nelson Mandela University. Warren currently lectures postgraduate and undergraduate modules in data analytics and is supervising several Masters and PhD students and his research interests are in statistical applications in photovoltaics, resources allocation and efficiency assessments and finance.

DATA LITERACY IS THE NEXT FUNDAMENTAL SKILL... ARE WE READY?

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 fundament tool in the modern business world will be explored and discussed with input from industry leaders.



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