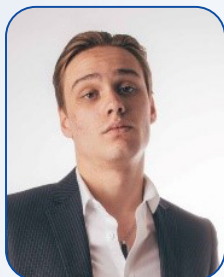


AI and Data Science

October 26-27, 2022, Dubai, UAE



“AI & Big Data vs. Workforce”

Leonard Vuylsteke

University of Cumbria, Dubai, UAE

Abstract

This talk will examine the case and the reality of automation of simple and mundane tasks and how it can quickly result into change of life - for better or worse. The question arises, are we trying to automate to many of our daily tasks for many whilst increase the barrier of entry for multitude of jobs in the future. We already see this phenomenon happening with McDonald's kiosks, movie theatres and soon to be self-driving cars.

Many of these jobs allowed for low skilled workers to bring food to the table. However, the more we automate these away, for higher skilled jobs such as coding ones. What do we then do with the surplus of labour? This idea has come up multiple times during other technical revolutions. However, the certainty of as many new jobs being created as uncertain.

The result will be that many will lose their jobs, in favour of very few coding ones that will arise. Even if there are more coding ones that arise, how will we retrain the surplus of labour a new skill in a short period of time.

To conclude AI & automation will be the greatest invention of the 21st century. The opportunity and ease of life will have skyrocketed. But the decision we need to make is how worth it will be for society.

Biography

A young data enthusiast, Leonard has been obsessed with data and quantifiability for as long as he can remember. Studying economics at university, and then finding a career in recruitment of analytics. His interest has always lied in people who have passion for numbers. Building his career in the recruitment field. He has learnt that even in relationship type of occupations. Data and numbers will always be involved. A true data evangelist. Even with his passions of data, analytics & AI. He is still worried that we might be going into deep territory that we don't fully understand yet.