Do You Trust Your Data?

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MIS 540: Innovation Through Technology

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Due Date

Abstract

This is a full-blown case covering what today's companies face with data analytics and what it does for them in real-world terms - how it makes them work better so that their business operations are more profitable and so that they see strategic directions and paths for innovative new value in business.

This tale of the changing world of work is testament not only to the types of competences necessary for prospective data professionals but also the competences in demand in 2030 – by which point it’s estimated that one-third of our working hours across the globe will be spent working in tandem with automation.

Facilitating forward momentum with data analytics as a super-tool for a career in our information age: topics such as approaches to analyzing data, governance, privacy, compliance, and ethical considerations would all be addressed.

As corporations use data more extensively to make their business run more efficiently, to recognize trends and to forecast, the number of workers who require skills in analysis, governance, compliance, and automation will explode.

Analysis, understanding, and use of data is already a condition for business success in a data economy that we now live in.

The aim of this paper is to demonstrate how data analytics enables the gap between theory and practice to be narrowed where the management of organizations can have information given to them when they need it so that they are able to make the appropriate strategic decisions in a timely fashion.