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Case Studies of deploying AI-enabled and IoT-based Solutions for Industrial Applications

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Apart from knowledge generation and knowledge transfer universities, national research facilities and science councils, these institutions over the last decade are required more and more to get involved in technology (developed by researchers) transfer (to industry). Technology transfer not only assist in translation of scientific research outputs in impactful products and services but also be of impact to society and to improve national economic growth through greater technological innovation. DataConvergence in partnership with Wits Enterprise and the Technology Innovation Platform (TIP) at iThemba LABS focuses on integration of data analysis in project development using artificial intelligence-enabled and IoT-based solutions. The skills developed by working on complex particle physics problems at the Large Hadron Collider at CERN are deployed for the development of AI-enabled and IoT-base solutions in areas such as predictive modelling (e.g. law, retail) and smart economies (e.g. energy, agriculture, mining). In this presentation a few case studies of deploying AI-enabled and IoT-based solutions for potential industrial applications will be presented.

Apply to be considered for a student ; award (Yes / No)?

No

Level for award;(Hons, MSc, PhD, N/A)?

N/A

Consent on use of personal information: Abstract Submission

Yes, I ACCEPT

Primary author: ADAMS, Dominique E

Presenter: ADAMS, Dominique E

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