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DATA SCIENCE AS AN ECONOMIC DEVELOPMENT DRIVER



Pr. Farid MEZIANE

PhD/FHEA, Professor of Data Science, Lead Data Science Academic Theme, Head Data Science Research Centre, College of Science and Engineering, School of Computer Science, Derby, UK

Abstract: The talk will summarise the development of the data science research centre at the University of Derby and its mission in engaging with local industries and partners. The focus will be on the projects the centre currently develops with its partners and its impact on the local economy.

Biography: He is a Professor of Data Science at the University of Derby, School of Computing and Engineering, College of Science and Engineering and Head of the Data Science Research Centre. As such, his role is mainly on leading and developing research and innovation in the areas of Data Science and Artificial Intelligence. As the chair of the college research committee (CRC), he is overseeing the implementation of the university's research strategy within the college and issues regarding Postgraduate Research students' progress. He is working with colleagues in the DSRC to provide innovative solutions to local and national industries in the areas of data science and artificial intelligence. He is currently teaching the Natural Language Processing module offered as part of the MSc in Big Data Analytics. He is also supervising final year projects at bachelor's level and MSc dissertations. His interests are in developing impactful research to solve real-life problems using data science and AI techniques. His domains of interest include e-commerce and targeted marketing, health informatics with special emphasis on the classification of medical imaging and Natural language processing. His research interests are mainly in the fields of data science applications and Natural Language Processing. Specifically, over the last few years he has developed research in: Medical Image classification using machine learning, standardisation of radiology reports using natural language techniques and sentiment analysis Natural language processing.

**Wednesday, February 7, 2024,
at 10 a.m. in the VISIO classroom.**