

Managing Workflows in a Big Data world

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Resumen:

Big Data is a hot topic across firms these days. Large volumes of data are generated and processed on a daily basis having machine to machine communication as an expected "standard". At the same time storage becomes less expensive and processing power is getting faster. In this hectic era managing Business Workflows can be a real challenge since algorithms are called to augment decision support on hundreds or thousands of business processes that run in parallel and may depend on each other. This talk will discuss challenges in modern business workflows using Big Data/Machine Learning techniques as well as present intelligent approaches in the context of a real life case study.

Sobre Stylianos (Stelios) Kapetanakis:

Dr Stelios Kapetanakis is an Associate Professor in Business intelligence and Enterprise in the School of Computing, Engineering and Mathematics, University of Brighton. He has a PhD from the University of Greenwich and an MBA in Knowledge and Innovation Management. For the past 12 years Dr Kapetanakis is working closely with EU SMEs and large organisations, having an extended portfolio of Innovate UK funded projects, Research consultancies and EU funding. Dr Kapetanakis has also worked as an independent consultant for the EU Banking sector, the UK Railways, the US Healthcare, Clarksons and Airbus. His research interests include large scale Data Mining and Machine Learning, Case-based Reasoning and Spatial-Temporal reasoning.