L2 – GOMES JOSEPH : MASTER 2 MANAGEMENT AND INTERNATIONAI BUSINESS NORTH AMERICA

L1 : ATI SARA

BIG DATA ANALYSIS : BUSINESS PROCESS MINING

Sara's document elaborate on a unique interpretation technique for predictive monitoring of processes, providing an overview of interpretable artificial intelligence (AI) for business process extraction. It highlights the integration of AI method like the machine learning and deep learning to enhance business process analysis, covering categories from descriptive to cognitive, for pattern recogintion, anomaly analysis, outcome prediction, and business process improvement.

The articles of Sara explore a "hybrid" learning strategy mixing deep learning models with data based simulation and discuss the importance of interpretability in cross domain AI exploitation. They also address process optimization, machine learning, and business process extraction, with examples such as predicting hospital mortality in a lot of diabetic patients and optimizing ERP processes in the healthcare sector that is very important, it can save a lot of humans lifes.

In conclusion, the document underline the critical importance of process mining and envisage potential improvements through the combination of AI, deep learning, and graphic visualization techniques, offering a great outlook for future studies in this rapidly evolving sector.