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Alfredo Ferrer

He graduated in Computer Engineering from the University of Zaragoza. Since 2009, he is a member of BIFI, where he has worked developing game theory simulation platforms, analytics, scientific production data visualization and extraction, transformation and analysis of social networks using complex network techniques. He has worked developing AI models in the framework of R&D&I projects and technology transfer within the area of computation. In 2014, he participated in the spin-off company Kampal Data Solutions, with which he continues to collaborate.

Researcher profile

Currently, he is an R2 level researcher. He studies the analysis of complex networks, generated in academic environments and social networks, investigating the calculation and visualization of metrics and graphs in the field of scientific production and detection of communities of interest, relevant nodes and propagation of information in social networks. He also works in artificial intelligence, developing models in the business sector, for process optimization, classification, categorization, event forecasting and LLM generative language models.

Importance of his research

His research is based on generating new ideas and tools by developing advanced models for process optimization, pattern detection and event forecasting. His work in social networks and scientific production has allowed him to visualize key metrics, identify communities of interest and analyze the propagation of information. These methodologies benefit academia and business, improving efficiency in sectors such as business management and network analytics. His research allows a better understanding of social and scientific dynamics.