Short Communication

THE INTERACTION OF BIG DATA, FLEXIBLE OPTIONS, AND NETWORKED ECOSYSTEMS IN AUGMENTED BUSINESS PLANNING

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ABSTRACT

Traditional business planning follows a managerial top-down approach where forecasts are conceived within the firm and occasionally compared with market returns. The increasing availability of timely big data, sometimes fueled by the Internet of Things (IoT), allows receiving continuous feedbacks that can be conveniently used to refresh assumptions and forecasts, using a complementary bottom-up approach. Forecasting accuracy can be substantially improved by incorporating timely empirical evidence, with consequent mitigation of both information asymmetries and the risk of facing unexpected events. Network theory may constitute a further interpretation tool, considering the interaction of nodes represented by IoT and big data, mastering digital platforms, and physical stakeholders. Artificial intelligence, database interoperability, and data-validating blockchains are consistent with the networking interpretation of the interaction of physical and virtual nodes. Flexible real options represent a natural by-product of big data consideration in forecasting, representing an added value that improves Discounted Cash Flow metrics. The comprehensive interaction of big data within networked ecosystems eventually brings to Augmented Business Planning.

Biography:

Prof. Moro Visconti manages a consolidated financial boutique that derives from a deep-rooted tradition of professional consultants in Milan. The interdisciplinary approach to professional issues is based on core competences linked with long termed relationships with other professionals, in order to provide a tailor-made service to the client. Long-term relationships with foreign and domestic clients are a key added-value, pursued mixing accuracy with pragmatism and reliability. The academic background is analytically focused on problem solving issues. A systematic approach to complex professional issues is associated to innovative solutions, based also on empirical research, even profiting from international experiences and best practices. Interactions mainly concerns professionals in the legal area (corporate lawyers, notaries, tax advisors, etc.), as well as the managerial sector (strategic consultants, engineers, scientists, managers, technical advisors, etc.). The target is to achieve synergistic added-value for the client, even from a relational standpoint.

Publication of speakers:

1. Moro Visconti published "Danno antitrust e piattaforme digitali" in April 2021.

2. Moro Visconti published "Networking Digital Platforms and Healthcare Project Finance Bankability" in April 2021.