The International EFAL-IT BLOG

Information Technology innovations in Economics, Finance, Accounting, and Law Volume 1 – Issue 8/2020 – Bacau (Romania)

Foggia, 07.08.2020

The growing impact of technologies in PEST analyses.

AUTHOR

Mr. Luigi Pio Leonardo Cavaliere *Università di Foggia*

ABSTRACT

The PEST analysis, as well as the SWOT or 5 Porter Forces Analysis, is typically used in the structuring of a new business and also in the strategic planning process, as an exercise in strategy and evaluation of the best paths to follow. The factor that has recently become increasingly important is that of technology. Big changes in the business world have always been associated with technological innovations of all kinds. Therefore, when analysing the environment, it is essential to be aware of the trends that can affect the direction of your business. Among some examples is it possible to list: a) New technologies that are emerging b) Sectors that have not yet renewed their technological background; c) Related sectors that are undergoing important transformations; d) Number of professionals available at the company's technical level.

In particular, "Fintech" generally concerns financial innovation made possible by technological innovation, which can translate into new business models, processes or products, and even new market operators. The use of technology is a necessary element to make financial innovation possible. The nature of the relationship between technological innovation and financial intermediation is the subject of in-depth analysis - from different perspectives - in numerous public and private international forums, having regard to the impact that technological transformation is producing on the financial system on an international scale. The changes taking place in the financial services markets, driven by technology, have a far deeper and broader political-strategic scope than a mere redesign of specialized economic structures (primarily financial markets and intermediaries), as we know today.

KEYWORDS

PEST Analysis; Technology; Fintech; Blockchain.

REFERENCES

- Faccia, A. & Moşteanu, N. R. (2019). Accounting and Blockchain technology: from double-entry to triple-entry. The Business & Management Review, 10(2), 108-116.
- Faccia, A. & Moşteanu, N. R. (2019). Tax evasion information system and Blockchain. Journal of Information Systems & Operations Management, 13(1), 65-74.
- Faccia, A. (2019, August). Data and Information Flows: Assessing Threads and Opportunities to Ensure Privacy and Investment Returns. In *Proceedings of the 2019 3rd International Conference on Cloud and Big Data Computing* (pp. 54-59).
- Faccia, A., & Mosco, D. (2019). Understanding the Nature of Accounts Using Comprehensive Tools to Understand Financial Statements.
- Faccia, A., & Mosteanu, N. R. (2019). Accounting and blockchain technology: from double-entry to triple-entry. *The Business & Management Review*, *10*(2), 108-116.
- Faccia, A., Al Naqbi, M. Y. K., & Lootah, S. A. (2019, August). Integrated Cloud Financial Accounting Cycle: How Artificial Intelligence, Blockchain, and XBRL will Change the Accounting, Fiscal and Auditing Practices. In *Proceedings of the 2019 3rd International Conference on Cloud and Big Data Computing* (pp. 31-37).
- Faccia, A., Moşteanu, N. R., Cavaliere, L. P., L. & De Santis, G. (2020). The rise of online banks in Italy "WIDIBA Bank" Case Study. Financial Markets, Institutions and Risks, 4(2).
- Faccia, A., Moşteanu, N. R., Fahed, M. & Capitanio, F. (2019). Accounting Information Systems and ERP in the UAE. In Proceedings of 3rd International Conference on Cloud and Big Data Computing.

The International EFAL-IT BLOG

Information Technology innovations in Economics, Finance, Accounting, and Law Volume 1 – Issue 8/2020 – Bacau (Romania)

- Faccia, A., Mosteanu, N. R., Fahed, M., & Capitanio, F. (2019, August). Accounting Information Systems and ERP in the UAE: An Assessment of the Current and Future Challenges to Handle Big Data.
- Moşteanu N. R., Faccia, A. (2020). Digital Systems and New Challenges of Financial Management FinTech, XBRL, Blockchain and Cryptocurrencies. Quality-Access to Success Journal, 21(174), 159-166.
- Moşteanu N. R., Faccia, A., Ansari A., Shamout, M. D. (2020). Sustainability Integration in Supply Chain Management through Systematic Literature Review. Quality-Access to Success Journal, 21(176), 117-123.
- Moşteanu, D., Roxana, N., Faccia, D., Cavaliere, L. P. L., & Bhatia, S. (2020). Digital Technologies' Implementation within Financial and Banking System during Socio Distancing Restrictions—Back to the Future. International Journal of Advanced Research in Engineering and Technology, 11(6).
- Moşteanu, N. R., Faccia, A. & Cavaliere, L. P. L. (2020). Digitalization and green economy changes of business perspectives. In Proceedings of 4th International Conference on Cloud and Big Data Computing (ICCBDC), Liverpool, UK, August 26-28, 2020. Forthcoming
- Moșteanu, N. R., Faccia, A. & Cavaliere, L. P. L. (2020). Disaster Management Digitalization and Financial Resources important factors to keep the organization ongoing. In Proceedings of 4th International Conference on Cloud and Big Data Computing (ICCBDC), Liverpool, UK, August 26-28, 2020. Forthcoming
- Mosteanu, N. R., Faccia, A., Ansari, A., Shamout, M. D., & Capitanio, F. (2020). Sustainability Integration in Supply Chain Management through Systematic Literature Review. Calitatea, 21(176), 117-123.
- Mosteanu, N. R., Faccia, A., Torrebruno, G., Torrebruno, F. (2019). The newest intelligent financial decisions tool: fractals. A smart approach to assess the risk. *The Business & Management Review*, 10(2), 89-97.
- Mosteanu, N. R., Faccia, A., Torrebruno, G., Torrebruno, F. (2019). Fractals—A Smart Financial Tool to Assess Business Management Decisions. *Journal of Information Systems & Operations Management*, 45-56.
- Petratos, P., & Faccia, A. (2019, August). Accounting Information Systems and System of Systems: Assessing Security with Attack Surface Methodology. In Proceedings of the 2019 3rd International Conference on Cloud and Big Data Computing (pp. 100-105).