

Utilizing combined power of R and Tableau for optimization processes in financial sector

Aleksandar Linc-Djordjevic^{1,2}

¹Data Scientist, Department of Service and Enablement, NCR, aleksnadar.linc-djordjevic@ncr.com
²President of Board, Institute for Contemporary Sciences, a.linc@isn.rs

Inside of financial sector there has been a lot of changes driven by 4th industrial revolution and development of Data Science. Now, more than ever, financial sector is in need for a fast and verifiable complex data structures, detailed data engineering processes that support predictive analytics and all of that wrap up in data storytelling art through mastery of data visualization. All of this and much more is needed to make a good business calls on daily level that can influence life and jobs of thousands of people.

In this talk you shall get an overview how does combine power of R and Tableau can be a game changer in financial sector. Keywords here are portable, supportable and scalable. Through real case scenario in multinational corporation, which NCR corporation is, you shall see how utilizing R and Tableau can help to optimize processes and predict product failures using expert systems method. The NCR corporation is a worlds largest supplier of multivendor ATM software and applications, with a more than 130 years history of doing business in financial sector.

References

- [1] K. Mansiya, The methodology of expert systems, *Comp.* **62** (2014), 62–65.
- [2] P. D. Grogono, A review of expert systems evaluation techniques, *Comp.* **113** (1993), 113–118.