7th International Conference on

Biostatistics and Bioinformatics

&

7th International Conference on

Big Data Analytics & Data Mining

September 26-27, 2018 | Chicago, USA

Real results of DATA analytics and DATA visualization applied to different industries

Alberto Conde Mellado
Xabet, Spain

We live in the blockchain and big data era. All the industries are investing a big amount of money in this kind of technologies, called industry 4.0. The current trending topic in all the industries is the Digital Transformation. But what can we expect from these investments? It is true that there is a long way from all the research that has been doing around these techniques and real case studies where applied results can be analyzed. The aim of this paper is to show a customized procedure to ensure the correct steps to face the digital transformation in order to achieve good results from big data and data visualization technologies in the industry. Real case studies are included in this paper in order not only to show the process but the results of the process in different companies with the main challenges that these companies needed to manage. A little brief of each analyzed company is included in the paper as well. The procedure is called the 5D's of digital transformation and it includes an initial digital maturity index measurement, which is directly proportional to the value extraction from the Big Data and Visual Analytics techniques as the paper shows. This contribution chases a democratization of real results across the industry using Big Data and Data Visualization techniques which are used by plain workers with no big data knowledge. Finally, recommendations are made for increasing the return on the investment in Big Data techniques by the industry allowing researchers to understand that the technical problems need to be addressed from a cultural perspective, too.

acondemellado@gmail.com

Notes: