

Data Analytics Solutions for Transforming Healthcare Information to Quantifiable Knowledge – an Industry Study with Specific Reference to ScienceSoft

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ABSTRACT

Big Data Analytics (BDA) has brought revolutionary changes in many fields. The areas of application such as banking, education, manufacturing, farming, government, transport, media, and entertainment are the ones that make extensive application of BDA. Healthcare is the one that has experienced drastic changes because of BDA. Due to the positive effects of big data, risky jobs like diagnosis, reporting, CRM, predicting the deceases, tracking medical records has become much easier these days. ScienceSoft is an IT company providing information technology services in emerging areas such as CRM, Data Analytics, Collaboration, Knowledge Management, Information Security, etc. ScienceSoft's headquarters is located in McKinney, USA. Organizations such as IBM, Microsoft, Oracle, etc. are collaborating with ScienceSoft due to the reliable and high-quality services provided. This paper attempts to give a broader outlook of Big Data, analyzes the company's business models for handling Big Data Analytics related projects, particularly in the healthcare sector. This paper also contains information related to the challenges of analyzing Big Data, the Company's technologies and tools that are needed in the development of BDA projects and how Big Data is converted into useful knowledge to deliver better results in healthcare allied sectors.

Keywords: ScienceSoft, Big Data, Data Analytics, CRM, Healthcare Data, EHR, Data Analyzing Tools.

How to Cite this Paper:

Geetha Poornma, K. & Krishna Prasad, K. (2020). Data Analytics Solutions for Transforming Healthcare Information to Quantifiable Knowledge – an Industry Study with Specific Reference to ScienceSoft. *International Journal of Case Studies in Business, IT, and Education (IJCSBE)*, 4(1), 51-63. DOI: <http://doi.org/10.5281/zenodo.3766907>.