Emerging Role of Data Scientist in Big Data

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Abstract

In the world of Twitt, Text or Image, we have a huge amount of data. Social media, Digital Pictures, Video etc. also resulting in collection of enormous amount of data and the growth rate of data is still in running phase. In terms of figures, daily we are producing 2.5 quintal byte data in which most of the contribution comes from companies, businesses and corporate institutions. The interesting point is the companies from the world wide are using only 5% of the gathered and produced data. No doubt to handle such huge volume of data is not an easy task. so actually who do this job? The answer is the new specialist in terms of technicality i.e. Data Scientist. To gather data received from Digital Pictures, Social Media, E-mails, Live Chats, Data Warehouses, Videos, Sensors, Purchase Transaction record which are used for various business activities such as Product Design, Marketing, Sales or Distribution and on the basis of data gathering to take better decision is the responsibility of Data Scientist. The Data Scientist having multi skills such as Mathematicians, Numerologist, Analyst and Technologist work in various areas of Energy, E-commerce, Healthcare in progressive manner and they are in huge demand. The role of data scientist in the field of big data was highlighted in this paper.
References

1. Loukides, Mike, "What is data science?", Available at: http://radar.oreilly.com/2010/06/what-is-data-science.html.
5. Available at: http://www.datascientists.net/what-is-data-science
7. Available at: http://www.stat.purdue.edu/~wsc/

Index Terms

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Keywords

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