

## What role does Big Data have in shaping future of Project Management?

**Access to new resource related to Data Analytics, Big Data and Project Management added to PMWL**



Resource provided by [Balzhan Khamitova](#)

24 May 2022 – Almaty, Kazakhstan – Access to a new resource has been added to the PM World Library (PMWL) related to Data Analytics, Data Mining, Big Data and project management. The new resource titled “**What role does Big Data have in shaping future of Project Management?**” is an article by Dr. Jiwat Ram published as a blog post by the International Project Management Association (IPMA) in 2017.

According to the author, due to technological development, the big data revolution is just around the corner. Today, all areas, from healthcare to business, analyze big data and no one is spared from its consequences. If these consequences are used correctly, then the analysis of big data can lead everyone to the profitability and economic development of society.

In this article, the author raises the topic of how big data can help shape the future of project management? Raising the topic of the main principles that are against the use of big data, the author comes to the conclusion that big data can be used in two ways. First, the data can be used to develop new scientific data and protocols to improve the planning, control, and implementation of projects. Second, the data can be analyzed to shape the future of the entire project ecosystem. Further, the author gives the main directions in which the future of project management can be shaped with the help of big data. The main ones: 1) Planning and delivery; 2) Project team environment; 3) Knowledge management; 4) Risk and Issues management; 5) Quality management and 6) Resource management.

To access this new resource, go to the Advanced & Hot Topics section of the library at <https://pmworldlibrary.net/advanced-hot-topics-in-ppm/> scroll down to “Current Hot Topics in P/PM”, and click on “Data Analytics, Data Mining and Big Data in Projects & Project Management”, scroll down to resource. Must be a registered member and logged-in to access. If not yet registered, please consider the FREE 30-day Trial Membership.

*This new resource provided through the PMWL university research internship program; [to learn more, click here](#)*

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### For PMWL Post

Ram, J. (2017). **What role does Big Data have in shaping future of Project Management?** International Project Management Association, July 17. Available online at <https://www.ipma.world/role-big-data-shaping-future-project-management-part/> ([Khamitova](#))

Where to post in the library: <https://pmworldlibrary.net/data-mining-and-big-data/>