

Insight Xchange Artificial Intelligence & Project Management

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MONTHLY ONLINE EVENT

Topic:
Artificial Intelligence & Project Management

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SPEAKERS

- Saby Waraich** - (North America)
Session Moderator
- Abraham Kuuku Sam** (Africa)
- Regiane Relva Romano** (Latin America)
- Vasudeva N G** (Asia)

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Priya Patra

Anchor, PMI Chapter XChange, Mumbai, India

THE INSIGHT
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Artificial Intelligence &
Project Management

Artificial intelligence can alleviate many repetitive tasks that a project manager does today. This would enable the project managers to focus on high-end work, like adding value to the customers. Does this mean we need to re-invent the role of the project manager? Read on to know more what our experts have today in our PMI Chapter Xchange's fifth "Insight Xchange" nugget.

From the editor's desk

Pedro Branco

Latin America



Artificial Intelligence is the association of a great quantity of data collected from several sources that enable computers to simulate human intelligence and provide analytics. It helps humans to accelerate the understanding of specific situations, and with the higher computer processing power, opens opportunities for fast simulations that create conditions for humans to make better decisions.

In our discussion, we learned that project leaders must be adaptative, technologically savvy, and ethical. AI will not take our jobs, however, Gartner states that by 2030, AI will eliminate 80% of all current manual project management tasks. Future leaders will have to deal with several aspects of communication as emotional intelligence, complex problem solving, critical thinking, and collaborative leadership.

Abraham Kuuku Sam

Africa

What are the greatest challenges to successfully executing large-scale AI projects?

The greatest challenges are:

Data: Organizations fail at AI because they underestimated the effort needed to harness, prepare, and access the data to drive AI projects on a large scale

Talent: Organizations where AI projects fail to scale hired AI engineers and data scientists and realized that it was impossible to find someone who has a combination of AI skills, domain expertise (both in the business domain and the process domain), and software development experience.

Trust. People have mixed feelings towards AI and fear it may make their jobs obsolete or irrelevant. Therefore, designing AI systems that focus the human-machine collaboration is foundational to scaling AI in these organizations.



What are the must-have skills project leaders need to make the most of it?

The must-have skills are:

Adaptability: the ability to adapt to the fast-changing pace of AI technology.

Research skills: Ability to find out the latest advances in AI and what is necessary for your project.

Policy knowledge: understanding issues around data privacy and AI ethics are important.

Regiane Relva

Latin America

What are the greatest challenges to successfully executing large-scale AI projects?

The greatest challenges are:

Ethics: AI projects deal with a lot of data from many sources, so we need to be careful with data privacy and security because that can change the lives of many people.

Data: AI is all about collecting data, make the to help predictions. Inaccurate, incorrect data will lead to AI project failures.



What are the must-have skills project leaders need to make the most of it?

The must-have skills are:

Communication and ethics: AI project leaders are exposed to very sensitive information. What to communicate, how much to communicate and communicate with ethics is a must as information in the wrong hands is risky.

Adaptability: to learn, unlearn and learn again. The project leaders should be in continuous study open to the new. As AI will be in everything, we need to change our mindset to accept, learn and understand new technologies.

Saby Waraich

North America

What are the greatest challenges to successfully executing large-scale AI projects?

The greatest challenge for executing an AI project

Data: More specifically lack of usable and relevant data that's free of biases and doesn't infringe on privacy. Also not having data in the right places and in the right amount.

Culture: It is challenging to integrate AI into an organization's current environment. The cultural aspect plays a bigger role as employees have a fear of a robot coming in and taking over their jobs.



What are the must-have skills project leaders need to make the most of it?

Analytical thinking: Verbal & written communication; data design; decision-making; interpersonal skills are the must-have skills for Project Leaders.

Vasudeva N.G.

Asia

What are the greatest challenges to successfully executing large-scale AI projects?

The greatest challenges are in AI projects are

Computing Power: Limitations in computing power constraints to data scientists to work on only a selected set of problems (building models) with only a limited set of features where data volume is not large enough.

Trust Deficit: How the AI deep learning model takes a specific set of inputs can predict an output is still unknown to many.

Limited Knowledge: Apart from technology enthusiasts, college students, and researchers, there are only a limited number of people who are aware of the potential of AI.

Data: Data is the key to success but it is difficult to harness. Scarcity of data for building AI models, data privacy, and security are other aspects that pose challenges to the success of AI projects



What are the must-have skills project leaders need to make the most of it?

The must-have skills are

Business domain: This will enable leaders to solve the right problem the application of AI & ML

Analytical thinking: Ability to make data-driven decisions

Communication: Soft skills still matter, as people won't be replaced by AI anytime soon

Legal & Regulatory Security & Privacy Knowledge: To ensure that we use the right data to solve the right problem at the right time.

This insight Xchange nugget is powered by:

[Arief Prasetyo](#), PMI Indonesia

[Dhammike Mendis](#), PMI Colombo Sri Lanka

[Pierre-Axel Siffon Tchen](#), PMI South Africa

[Vrushank Buch](#), PMI Gujarat

[Pedro Branco](#), PMI Sao Paulo

Have a suggestion? Feel free to drop a note to the PMI Chapter Xchange team here pmichapterxchange@gmail.com

