

Planning for complex issues is something every construction company has to do for a project. However, even the most adept general contractors can run into unavoidable difficulties that throw off project planning.

The big questions are how can construction companies lessen the impacts of issues that spontaneously arise? And how can general contractors predict when there might be problems?

If you are a general contractor that wants to reduce problems before they happen, you can leverage analytics to make sure your projects run as smoothly as possible. To help you succeed, we've outlined five ways big data can improve the way your construction company operates below. But first, let's talk about what big data is and what it means in the construction industry.

any materials are backordered, the analytics software will note the back order and suggest alterations to the project timeline.

PART 1 | BIG DATA IN CONSTRUCTION

Big data in construction refers to the huge quantities of information stored in cloud-based systems that select people can access from any location at any time, from general contractors and developers to subcontractors and individual tradespeople. Big data can come from people, computers, other software, and more.

For example, a general contractor mines data from the project timeline, materials used, and the subcontractors on the job. If

(Standard forms include requisition forms, contractual agreements with tradespeople and business partners, and logistics forms to send to transportation companies for deliveries.)

Because big data helps you produce more accurate cost





