



# Analytics Answers

## Predictive Project Analytics

### A new approach for delivering results



A major capital project may accelerate—or sidetrack—a leader’s career. Does the completed project meet stakeholders’ expectations? Come in on time and on budget? Add value to the organization? Unfortunately, research shows that more than 60 percent of companies have experienced project failure. And that number is likely to increase as project complexity escalates with increased regulation, stakeholder scrutiny, globalization, technology leaps, and more.

With so much at stake, why do so many project leaders continue to rely on traditional project planning and risk assessment methods? Today’s business environment demands a new project management model that accounts for project complexity, performance, and risk in a holistic way.

#### Next generation project management

Deloitte’s Predictive Project Analytics (PPA) significantly enhances the effectiveness of traditional project management tools. We leverage advanced analytics to evaluate the likelihood that a project will be successful—followed with practical and actionable advice. Deloitte’s professionals bring a deep understanding of project management challenges and opportunities combined with deep industry knowledge. Our team provides objective insights and enhanced capabilities to help project leaders address potential problems before they materialize so they can deliver more value to the organization.

### Get inside your data

At Deloitte, analytics isn’t just a good idea — it’s a call to action. That’s why we’ve launched the *Analytics Answers* series of solutions — practical, problem-specific tools that are ready to deploy today.

Deloitte professionals collaborate with project leaders to guide the organization throughout the project lifespan, following a five-stage approach:

- Conduct interviews and structured document review
- Assess inherent risks and complexity
- Evaluate and predict project performance and identify risks based on results from more than 2,000 global projects with millions of data points
- Synthesize qualitative and quantitative results to gain new insights
- Provide findings with specific, practical recommendations for improving project performance and delivering results

### Bottom-line benefits

Deloitte's PPA provides new insights that can help leaders to shift from dealing with project crises to focusing on enhancing project performance. As a result, project leaders gain new capabilities that help:

- Protect project investments
- Reduce and contain project costs
- Increase likelihood of meeting project goals, including cost, time, and quality goals
- Move projects back on track
- Improve project organization and project management practices
- Reduce risk by helping managers anticipate possible project problems before they occur

### PPA in action

A large investment management corporation needed to update and integrate its core IT systems to reduce operating risk and provide high-quality data for improved decision-making. These systems supported business processes across the enterprise, making business disruption a major risk that needed to be avoided.

Recognizing that the organization lacked experience in managing complex, high-risk IT projects, leadership asked Deloitte to provide insights to help them effectively manage the project. Deloitte professionals assessed the current state of the project by reviewing project-related documents and interviewing key players. Using predictive analytics, the team evaluated the organization on 172 critical factors, and provided specific recommendations for attaining the level of control needed to meet their time, cost, and quality goals. They continued to evaluate progress and deliver recommendations during the project lifecycle.

Upon completion of the project, the team delivered an integrated system that met the project's goals-- nine months ahead of schedule and 15 percent under budget.

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Deloitte Real Analytics



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### Contact us

If you want to beat the odds by consistently delivering complex projects on time and on budget, we should talk. Please reach out to us to get the conversation started.

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