

High performance. Delivered.



Intelligent Automation: 365-Day Plan

A year from now, enterprises should begin to infuse automated intelligence throughout their organization to spur change—by providing rule-based automation capabilities, implementing new machine-learning technologies, and evaluating the latest artificial intelligence products.

1. Review your top candidates for automation projects as determined in your 100-day plan. Implement artificial intelligence technologies that address one of these use cases. Quantify its business impact and use those cost savings to justify the next project(s).

3. Develop machine-learning skills internally by implementing a machine-learning software solution that utilizes a defined data set for a very specific use case. This solution should benefit from advanced analytics, such as a personalization application.

5. Review your machine-learning use cases with a questioning eye. Set up a quality assurance process to support or refute the conclusions being drawn and subsequent actions taken. Have your data scientists confirm that the datasets are complete and accurate and that the algorithms are appropriate.



2. Create the impact and transition plans required to scale the automation project. Proper planning will enable a smooth transition, so that the workforce and processes can work well alongside the newly automated elements.

4. Pilot a machine-learning solution that discovers new data associations. Review the outcomes with an eye toward identifying new opportunities for growth and innovation, such as a new customer segment or creating a new product.

6. Create a training program to ensure that your data scientists and software engineers are educated in the latest deep-learning and AI technologies, specifically in natural language processing and image recognition. Give them time to research and develop potential solutions with these new technologies.

7. Establish a top-down strategic commitment to artificial intelligence and data science, including R&D investment, innovation programs, and production development.

