

The Steps to Successfully Integrating Artificial Intelligence

Artificial intelligence (AI) can have a profound impact on an organization's bottom line. It is proven to:



Increase revenue - 64%

44% of executives report that AI has created an uptick in revenue in the business areas where it is used ¹



Deliver savings - 44%

44% of executives say AI has reduced costs

Despite these benefits, the AI and Machine Learning (ML) have yet to reshape the majority of companies:

<10%

Fewer than 10% of companies are using AI ²

2.8%

And only 2.8% of business have adopted ML

If the opportunities with AI and ML are so great, what's stopping companies from implementing them?

The answer is **Data**

AI and ML require a significant amount of data to make accurate, actionable predictions. And getting that data – capturing it, storing it, analyzing it and applying it – involves a whole lifecycle of technical processes. The expertise of Dev IQ can help you at each stage of the AI/ML lifecycle.



1. Installing

First you need to install **sensors that can monitor the performance of your devices**. Dev IQ has a network of partners that can help outfit your devices and equipment with sensors to capture data.



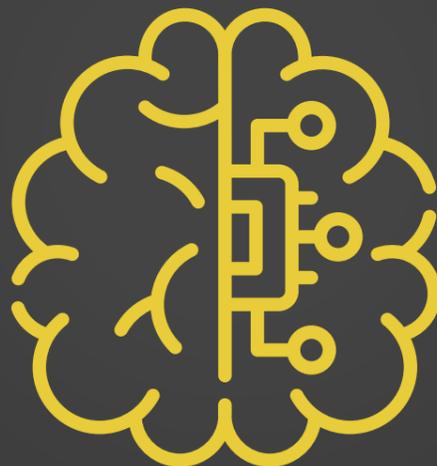
2. Listening

Once a device is made "smart" with new sensors, or its existing sensors are connected, they begin "**listening**" for **events, changes and other data**. This data will form the nuts and bolts for building a ML model.



3. Collecting

As sensors bring in more information, you'll need to collect it and establish a **singular place to store it**. Dev IQ has expertise in creating cloud environments - data warehouses, data lakes, etc. - that can store and manage vast amounts of data.



7. Maximizing Output

The final stage of the AI/ML lifecycle is results-oriented – **getting the answers to the questions you've asked and making more informed business decisions** based on what you've learned.



6. Writing

Data scientists, like those we have on the Dev IQ team, are also critical in **modeling and implementing custom algorithms** that can automatically ingest client information and monitoring information and make sense of it.



5. Analyzing

AI is only as smart as the questions it asks, and knowing what the right questions are, requires expertise. Dev IQ works with data scientists to analyze customer data, verify that it's sufficient for an AI/ML model and ensure we're asking the right questions.



4. Structuring

All the data in the world is no good unless it can be converted into an accessible format. Dev IQ can help your organization **aggregate data into easily accessible, easy-to-read dashboards**.

To learn more about Dev IQ's AI/ML expertise, or to see examples of how we've helped clients at each stage of the AI/ML lifecycle, visit our website at www.deviq.io or contact us directly at: info@deviq.io.



Building Software.
Improving Life.

¹ <https://www.mckinsey.com/featured-insights/artificial-intelligence/global-ai-survey-ai-proves-its-worth-but-few-scale-impact#>

² https://conference.nber.org/conf_papers/f138039.pdf