

A dynamic background featuring a dense network of glowing blue and orange light streaks against a dark blue gradient. The streaks converge towards the center of the frame, creating a sense of motion and depth.

# 10 KEYS TO AI SUCCESS IN 2021

DataRobot



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# FEATURED THOUGHT LEADERS

At the time of this publication, we have already interviewed dozens of thought leaders for our podcast. We quote a handful of them here. We encourage you to listen to our whole podcast series to hear remarkable insights from all of our guests.

## Bina Kalola

Managing Director of Global Banking and Markets,  
Financial Technology Innovation and Investments,  
Bank of America Merrill Lynch

## Ashley Russell

Strategic Performance Management Coordinator,  
U.S. Army

## S.G.

Executive from a large  
technology company

## Shameek Kundu

Former Chief Data Office,  
Standard Chartered Bank

## Captain Michael Kanaan

Enterprise Lead AI and ML,  
U.S. Air Force

## Dr. Hannah Fry

Author, Speaker, Associate Professor  
in the Mathematics of Cities, the Centre  
for Advanced Spatial Analysis at UCL

## Fiona McEvoy

Tech Ethics Writer and Researcher

## Robby Dally

Director of Global Insights  
and Analytics, Alcon Vision

## Former U.S. Representative

## Will Hurd

Former U.S. Representative  
for Texas's Twenty-third Congressional District

## Sivan Metzger

Managing Director, MLOps  
and Governance, DataRobot

# 1



AI WITH ROI: DELIVERING  
RESULTS WITH VALUE  
AND URGENCY



“My whole raison d'être is to make sure that we get some sort of business outcome from a model, take that model the final mile, put it somewhere to do something for someone.”

**Ashley Russell**

KEY TO  
SUCCESS

1

The days of experimenting with AI without a plan for obtaining value are over. While it has been fun for data scientists to test what machine learning can do, companies that invest huge resources into their AI solutions want to see results. AI must find its purpose, and it must deliver ROI.

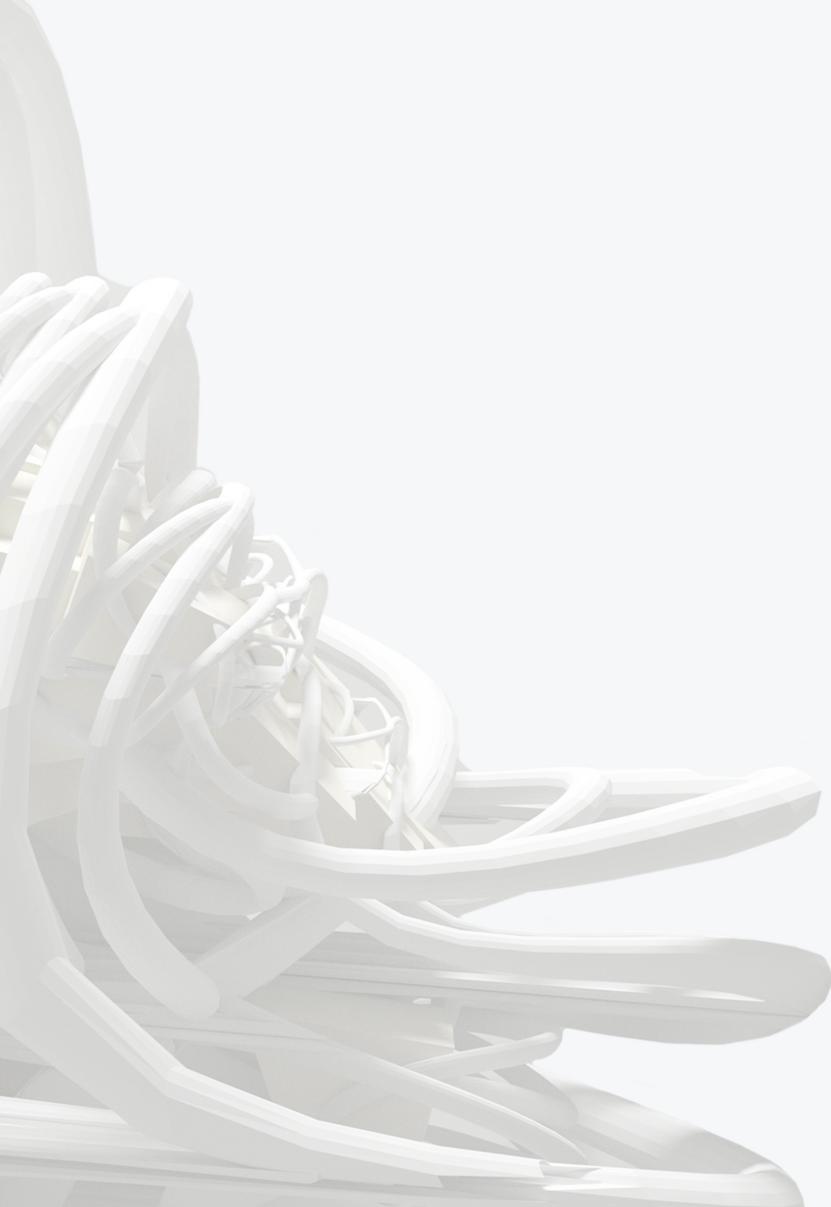
As Ashley Russell explains, “**You can come up with great solutions, but if [they don't] fix**

**anybody's pain point, what's the point?**”

In her work with the U.S. military, Ashley emphasizes that data scientists who do experimental AI aren't unconcerned about the business outcome, they just need to feel some connection to it. And the best way to find the pain points is to **begin with the end in mind.** In fact, she says, **“If you can't find your problem, start over.”**

KEY TO  
SUCCESS

1



For this reason, S.G. says that you **"have to connect the science with the dollars."** In his view, it shouldn't be an AI-first discussion, but a value-first discussion. Time and time again, S.G has seen AI startups become enamored with their technology. **"Don't fall in love with your toolbox. Fall in love with the solution."** He says to tackle the problem first, determine the desired outcome next, and then determine your technology investment. S.G thinks a lot of organizations get this order wrong and should ask, **"What is the problem I'm trying to solve? And once I solve the problem, what is the outcome that it will achieve."** And finally, **"What is the investment I need to make to achieve that? Don't build a team before you know what problem you're going to solve."**

Ashley says that just because you can predict something doesn't mean that the manager knows what to do with that prediction. Are you ready to tell the story behind the prediction? Are you building something that is not a black box and can be explained to and understood by the stakeholders? As she points out, **"Automating a bad process is very expensive, and it's expensive to redo it when it doesn't work out the first time."**

Shameek Kundu sees AI as having the potential to solve some of society's very big problems.

**"How do we use analytics to solve climate change? Or even in financial services, worrying less about incremental revenues or cost reductions alone, but how do we fundamentally transform it so that we are able to fund, for example, sustainable energy investments?"** He sees that there is **"a whole piece about purpose in data and analytics in data science,"** which is something that can truly deliver ROI.

S.G summed it up in his episode: **"You've got to think about AI as a fundamental change. How can I bring fundamentally new value to my customers, fundamentally enhance the way I run my operations, how I hire people, how I reduce cost? That's the responsibility of everyone [in] thinking about the impact AI can make to whatever organization they're part of."**

Set aggressive quarterly goals. Find ways to optimize, automate, and deliver value for the business now, or your AI projects might die in committee. Deliver AI success as quickly as possible.

## TRANSPARENT STORYTELLING





**"If they don't think of the importance of communicating, then it's difficult to help them."**

**Shameek Kundu**

KEY TO  
SUCCESS

2

To get great results from your AI project, start by asking the users the right questions:

- **What problems are you trying to solve? What solutions are you expecting?**
- **Who will benefit from the project and rely on it? If there are multiple personas who benefit, how will I communicate with each of them?**
- **When you finally have your modeling results, how will you get people to take action and trust the results?**

One of the most important questions is: how are you going to communicate with less technical people? It helps to use transparent storytelling to aid understanding of each prediction result and illustrate the real-world application for your business.

Avoid AI-specific jargon that your audience may not understand and communicate on their level.

AI models that are a black box — that is, the method the model used to get to its output is invisible or not clearly explained to the end user — rarely get adopted in a business setting. With better storytelling and by partnering with subject matter experts (SMEs) in the relevant line of business, you can reach agreement on the models, get the SME to sign off on them, and make the process more explainable to executives. As Michael Kanaan points out, a lot of it comes back to communication. Can you communicate about your AI project with someone who has been there for 30 years? Because that is what builds trust in AI.

KEY TO  
SUCCESS

2



Bina Kalola notes that it's important to put the right information in front of the stakeholders and get their input. **"Usually, I start with just explaining in a really simple fashion what something is and what something is not, how it actually works without making somebody ask that question."** She reminds us that **"they're the SME in their world. It's always about being respectful and sharing information."** From there, she says, you can get stakeholders on the right path.

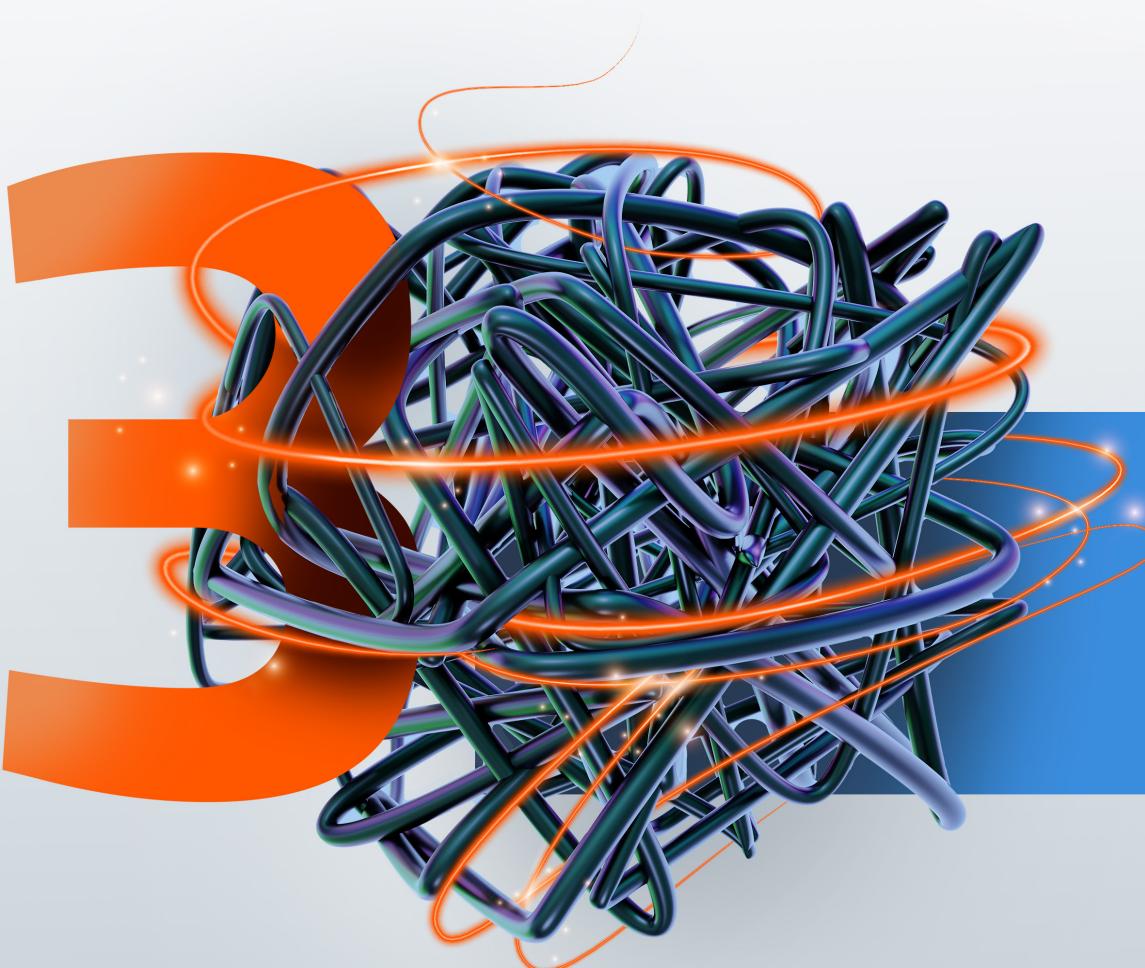
Keeping the humans in the loop is essential. Bina says, **"You have to keep the dialogue going and not think that in the 30 minutes you have on the calendar, you're going to come out with a decision and it's going to be a go. It's a process, and you have to have patience in that process and give people time to reflect."** When you take the time for dialogue, the story will start to evolve, and you'll come up with better data and insights from your AI.

For Dr. Hannah Fry, **"the way people are building [models] now is to make them less of a black box."** She uses the example of a medical imaging to illustrate her point. **"I think as time has gone on, it has become much more easy to interrogate [the outcomes of the model in medicine], and I think that those kinds of advances make it much easier to trust this stuff and actually**

**end up making it much easier to implement in the real world."**

Her point about trust and managing expectations is key. When you can follow the storyline of an AI model – the questions you're trying to answer, where your data came from, and what led to your conclusions – your whole organization can get behind the results. AI can bring process automation, augmentation, and insight that your SMEs can use to test new approaches and, therefore, do more creative work. It all starts with transparent storytelling.

Transparent storytelling and explainable AI is vital to a successful AI program. Keep in mind that a lot of use cases are not automation. They're augmentation, which means that the end result is not the model but the model's output and the story that it helps tell. Transparency helps people in your organization trust the model's output and use it to make strategic and often life-altering decisions.



# GOVERNANCE



**"It's amazing what we're going to be able to do, but at the same time those guardrails and the governance are really critical."**

**Bina Kalola**

KEY TO  
SUCCESS

3

AI started as fun, exciting, and experimental. Now, it has had to grow up and bring in change control.

Part of that is having appropriate governance in place, which means having an organizational framework that ensures consistency in the modeling process, from how data is obtained, managed, used, and secured by your organization to who can build, deploy, and use models.

For example, a strong governance strategy includes everything from access control to change logs to a model version library. It empowers your organization to trust the integrity of your AI and machine learning models by ensuring that the data originates from reliable sources. An end-to-end governance strategy also helps ensure that your machine learning models follow your organization's key principles and values and incorporate data science best practices.

KEY TO  
SUCCESS

3



Bina Kalola says that most people think of governance as stopping things from happening. They think of governance as boring or getting in the way of implementing work. In reality, governance provides data-driven insights that help you to make decisions and get things done.

She points out that, oftentimes, people don't have the right version of truth. Governance helps make sure that your version of truth is documented, that the right lineage and provenance are there. What was your source of data for that prediction? What version of data did you use? Governance provides those checks along the way, and it helps you scale your operations effectively so that you are complying with relevant rules and regulations and not stepping on people's toes.

Shameek Kundu says that a governance strategy helps us "[be more responsible in the use of AI](#)" by "[making sure that we...contribute to the broader societal and regulatory environment around AI.](#)"

In her words, Bina says that governance is really about, "[How do we better serve our clients?](#) [How do we think about risk in society?](#) [Do we use certain data, \[being\] really mindful of respecting privacy, whether it be a rule of law or an agreement with our clients?](#)" In the end, governance serves all parties — your organization, clients, and, ultimately, society.

Governance is sometimes an afterthought, but it shouldn't be, because it offers protections for your clients and your organization and increases adoption.



TRUSTED AI

KEY TO  
SUCCESS

4



“Two things [are] important: that my data wasn’t exposed and that there is a level of fidelity behind the model.”

**Michael Kanaan**

Trust is essential to any relationship. Just as we assess trust in human relationships, AI must undergo the same evaluation process. For Bina Kalola, trust in AI starts with humility: **“You have to stay humble. You have to stay curious, and you have to ask a lot of questions.”** She says that **“sometimes my questions are geared towards a problem I’m trying to solve, but I can’t assume the answer.”**

The trust-building process starts with the data. As she explains, **“We have to make sure that we are incorporating a total population of data. We then have to have more diverse [variables]**

**behind the data. And that interpretation and understanding often comes from your own experiences and your own lens.”**

Shameek Kundu underscores the responsibility that organizations must take. **“Tech companies need to get together and come up with better standards and really think about good tech and bad tech.”** He draws an analogy to the medical community. **“Just like doctors have a responsibility to not do harm, we as the data community have a responsibility for that as well.”** He says that there are steps that a team can take: **“First, publishing your own ethical standards and what you want**

KEY TO  
SUCCESS

4



**to do in AI ethics is important, because that becomes the mission statement for your company.”**

By putting your ethics statements into words, you've taken a crucial first step. You should then be ready to add stakeholder analysis and impact assessment, best practices and guardrails in modeling building, and bias and fairness evaluation to your trust framework.

Ashley Russell says, “**Technology is going to do what technology does, but just because you can do something doesn't mean you should. I think there [are] a lot of ethical questions, and a lot of it comes down to trust.**” Fiona McEvoy sums it up, saying, “**To quote the Jurassic Park quote of quotes, just because we can doesn't mean we should.**”

At DataRobot, we believe that trust in AI is comprised of three main areas – Ethics, Performance, and Operations:

**ETHICS.** From privacy to transparency to mitigating bias, policies that promote AI ethics ensure that you have the oversight you need to trust your AI. With bias and fairness mitigation tools in place and transparency into the full scope of your AI operations, ethical guidelines ultimately help you achieve better ROI from your AI solution.

**PERFORMANCE.** An AI platform must be robust, accurate, and fast, while producing high-quality results. Features like a leaderboard, automated data quality checks, and missing value imputation ensure that you get the highest level of performance from your AI.

**OPERATIONS.** The smooth operation of your AI depends on a foundation of humility, security, compliance, governance, and firm business rules. This comes from having access to a usage report for complete oversight of activity, AI predictions that are humble, and encryption of data.

AI is a tool that can amplify our best and worst decisions, so we need to handle it with care. Part of that care is building in guardrails for trust.



HYPERSCALE  
YOUR AI



"Inspiration can come from a lot of different places."

**Robby Dally**

KEY TO  
SUCCESS

5

It seems so simple: in order for your models to be effective, they cannot be gathering dust. They must be put to use. One way to do that is to put the model into production. [Yet, market surveys show that 87% of data science projects never make it into production.](#) That's why you need to be thinking at the outset about how the model will be operationalized.

Bina Kalola said that Bank of America's challenge is how to get data science into the hands of people who are not proficient in AI. When it comes to AI implementation, many companies are at different

stages of development, but it is also often the case that there are different stages of development within a company.

This starts with scaling up the number of use cases. One use case doesn't cut it. Businesses are discovering that they need to scale to hundreds, if not thousands, of models in production. In fact, the goal should be to automate the mundane, time-consuming, repetitive parts of the business through the data science process, which, in turn, serves to accelerate the business value of AI.

KEY TO  
SUCCESS

5

Robby Dally from Alcon has had a lot of experience in this area. Alcon is a medical company that specializes in eye care products. At Alcon, there are 600 different AI projects going at any given time. As a result, **"we've got all these learnings, and now we can apply those to other projects. And we've dramatically reduced the time [it takes] to implement."** The economy of scale that comes from building on your knowledge base is the key to scaling your AI projects.

Robby uses the analogy of a good athlete who gets reps in and has a repeatable process to rely on in future workouts. **"Like any good team, we divide and conquer and trust each other that things will work well."** About those 600 projects, Robby says,

**"By now, our data science team runs like a well-oiled machine."**

It's important to keep in mind how use cases can come from outside the data science group. Robby recalls a presentation that the data science team made at a company town hall. Someone approached him afterward and said, **"I've got a really great idea. What do you think?"** It's a phenomenal idea that came out of seeing the presentation and now they're working on a use case with a whole new group. **"Inspiration can come from a lot of different places and, in most cases, it's not coming from our data scientists at Alcon. It's coming from our folks who are data experts and understand our problems."**

Seek out opportunities to find more use cases, because more use cases equals more ROI. It's all about operationalizing your AI to make it relevant to your business and to free up more time for new innovation.



FIND MORE DIAMONDS  
IN DATA SWAMPS



"It['s] audio-visual data, whether it['s] Google Voice, Apple Siri, all of those things, or images. Those types of data formats and deep learning for those formats [have] a very clear return on investment."

S.G.

KEY TO  
SUCCESS

6

There are so many different types of data. It's important to use all of them to build the most holistic predictions. Traditional data science has always been very numeric-centric, but there is so much other data — for example, in visual or geospatial formats — that can yield remarkable results. With AI, the more types of information you put in, the better the predictions you can make. Encourage your SMEs to bring in all the data that matters for each problem you are trying to solve.

Whether it's audio or visual data, Shameek Kundu notes, **"those types of data formats and deep learning formats have a very clear return on**

**investment."** Put your investment of your resources into finding these valuable pieces of data and your efforts will pay off.

Bina Kalola has **"spent a lot of time in an area that people aren't spending as much time, which is the unstructured data, whether that is in text form, voice, or contracts."** It's helped her understand **"how we can better serve our clients. There's a lot of information in there, and no one really has the time to give you everything."** If you spend the time working to distill that information, you can really find some data gems.

Seek out opportunities to find more use cases, because more use cases equals more ROI. It's all about operationalizing your AI to make it relevant to your business and to free up more time for new innovation.

The background features a large, stylized orange number '7' on the left, partially obscured by a translucent, flowing white fabric. Orange lines with glowing particles follow the contours of the fabric and the number. A blue horizontal band runs across the middle of the slide.

MLOps



“Scaling AI is a journey that starts by creating a solid delivery foundation. We want to be there with these companies and help them establish that foundation so that they can build on top of it as confidently and rapidly as possible.”

**Sivan Metzger**

KEY TO  
SUCCESS

7

MLOps (Machine Learning Operations) provides a scalable means to deploy, monitor, manage, and govern all production models, regardless of how they were created and where they are deployed. Or, as Sivan Metzger describes it, **“MLOps is the process of automating the deployment management and the governance of machine learning in production.”**

Metzger, who leads the development of DataRobot’s MLOps infrastructure, emphasizes that we’re not here to build MLOps for the sake of building MLOps. It’s about **“streamlining machine learning from data to value, all the way from generating a model to deploying it and getting value from it over time.”**

MLOps is about recognizing that in a volatile world, even the best machine learning models can turn quickly from assets into liabilities. When faced with conditions not encountered or taken into consideration within the training data, models will make inaccurate and unreliable predictions that can undermine consumer trust and introduce risk into the business. In addition, companies must be able to detect model performance problems as quickly as possible. MLOps helps bridge the gap between current levels of AI adoption in order to scale more quickly.

By building a center of excellence for managing production AI, you can ensure the ongoing quality



of machine learning services your business relies on. A center of excellence ensures that all centralized production machine learning processes across your organization work under a unified and compliant governance framework.

S.G. points out that it really “[requires \[holistic thinking about the end-to-end lifecycle of AI.\]](#)” As you begin your project, you need to ask upfront, who will own this? How are we going to operationalize this? And then assess your assets. “[Do I have the infrastructure and processes \[around them\], meaning data engineers, the MLOps people, and so on to make the data science core team successful?](#)” By thinking this way and establishing a foundation, you open a path to value from AI.

Sivan Metzger says that this kind of thinking and planning is a huge change from just a few years ago. “[Just three years ago, it was a different discussion.](#)” Today, “[the mounting pressure to finally deliver measurable value from AI is truly starting to lead data teams and operations teams to collaborate and blaze their combined paths towards success. Companies simply can no longer tolerate an ongoing ‘science project’ with no end in sight.](#)”

MLOps helps deliver results by automating the key stages of production machine learning: deployment,

model monitoring, model lifecycle management, and production model governance. MLOps allows the stakeholders to be accountable for their part of the process.

Sivan says that “[our job is to help push this change forward. We want to be there with these companies and help them establish that foundation so that they can build on top of it as confidently and rapidly as possible and...help the world make the desired shift to a point where we can actually consume AI in as reliable and scalable a manner as possible.](#)”

Start figuring out how you’re going to ensure that models are performing well, that they’re continuously being updated as new data comes in, and that the relevant people on your teams can own the fundamental pieces of this process. For all this to fall into place, you need an MLOps strategy and infrastructure.



## DEMOCRATIZATION: CREATING CITIZEN DATA SCIENTISTS

KEY TO  
SUCCESS

8



“It's really [about] an art of leadership and giving people ownership over something.”

**Ashley Russell**

In business environments, there are an average of 30x more business analysts than there are data scientists. When you engage those business analysts in your AI program, you can create citizen data scientists and train them to identify ways that AI might help solve the business problems they grapple with everyday.

In some corners, the term *citizen data scientist* unfortunately has come to mean *data scientist in training* with companies footing the tuition bill. But approaching AI in that way — pulling people into the data science universe — does not leave the same permanent impression that comes from introducing the business to a new problem-solving tool.

According to Shameek Kundu, democratization starts with building a solid educational program. At Standard Chartered Bank, they held sessions with more than 400 bank employees, including some members of their group management team, on the topic of responsible AI and how machine learning works. He said the sessions were designed to provide an “**education and demystification of AI, so that everyone understands what it's about.**”

Shameek stresses the importance of these educational programs on the entire business and how much they support responsible AI.

**“The route to AI fairness and responsible AI is not through the data scientists. [T]he route is first and foremost [through] those who are not data scientists, who are not developing the**

KEY TO  
SUCCESS

8

AI algorithms, helping them understand what questions to ask, making sure that they are comfortable, that they understand how the AI is making decisions on their behalf, or on behalf of their clients and partners.”

The result is that you build a bridge between the data scientists and the rest of the organization. “We were able to build a coalition around data scientists who helped bridge that gap between these very siloed teams who are deep in their data science piece and these additional teams who make it meaningful to the rest of the bank.”

Michael Kanaan says that it helped to democratize access to basic AI solutions. He recommends that you follow two steps when building an infrastructure. “Someone has to be in charge. Someone has to pay attention to the advancements in AI and then have a voice in the boardroom. Also, you need to get your workforce inspired to use AI in their individual practices.”

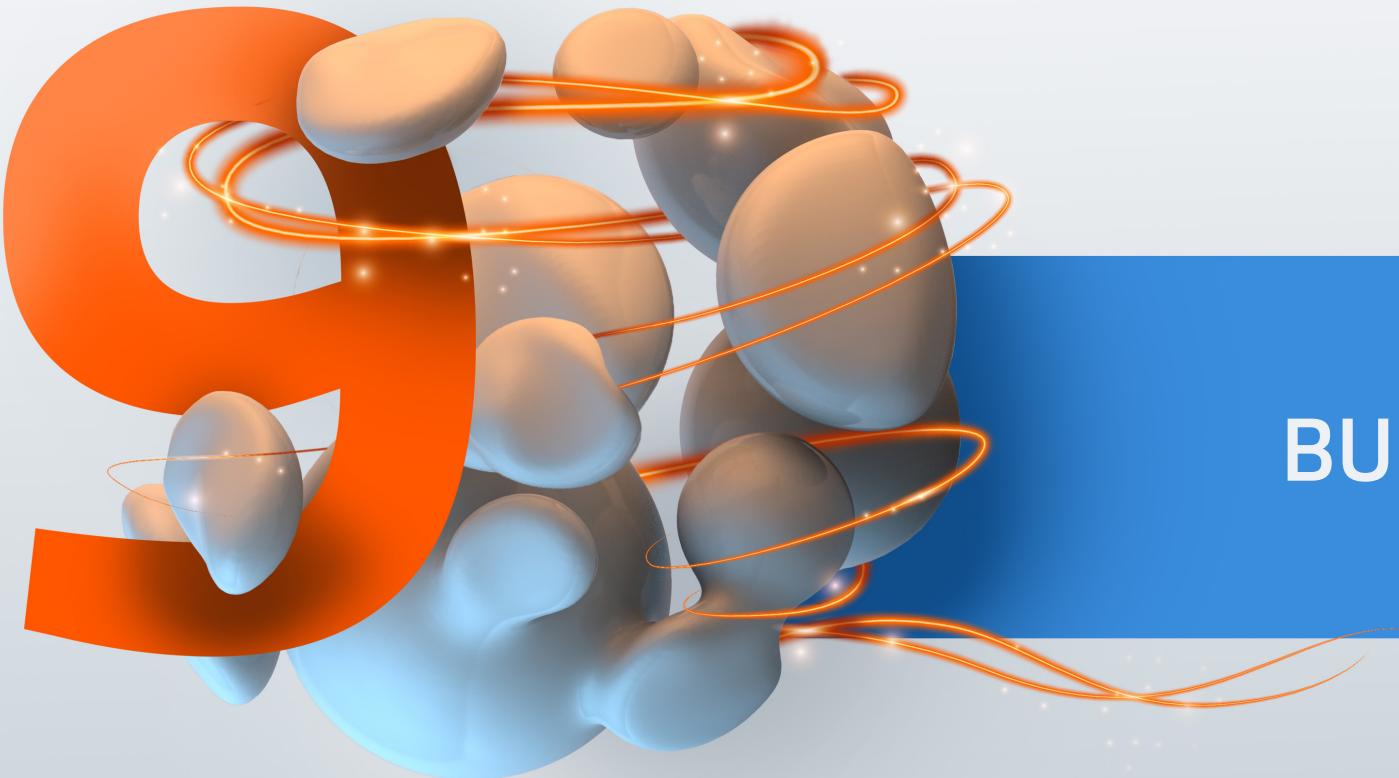
It’s not a seamless process, however. As Ashley Russell notes, you will have to overcome some hurdles. “The hardest thing to do is to encourage somebody who’s already very comfortable in their job to go try something new on top of already probably being very busy.” Support from leadership is the essential ingredient. “The most important thing is to have a leader who endorses

what you’re doing, who wants to do it, who gives you time to do it, and who has enough patience for you to do it.”

When you’re ready to build an AI program, you have to take the time to do it right. “When...upskilling and turning people into data-driven leaders, I think that only comes when people have a lot of time to learn and when they’re really encouraged that the outcome matters.” When you focus on people and not just the toolbox, you empower them. That’s what makes for a successful AI program.

In the end, S.G. says that enterprises have to “put more thought into what does that end-to-end AI team look like? Just going and hiring a bunch of people who understand machine learning is not the only key to success.” It runs much deeper than that and “you need that person who understands, what is the problem I am trying to solve? Where am I going to get that data from? How am I going to clean that data and make the data ready for machine learning?”

Democratization is the key to AI success. When you take the time to build an AI education program and empower people across your organization, you have the building blocks of success.



**BUILD VS. BUY**



"You have to ask yourself the question,  
'Is this already available to me right now?'"

**Michael Kanaan**

KEY TO  
SUCCESS

9

When it comes to deciding whether to buy or build an AI platform, our guests have several recommendations. No matter what, they all agree, don't reinvent the wheel. That's a waste of time. Instead, your organization should focus on building what it can and buying the rest.

Creating an AI pipeline is hard, but keep the end-to-end process in mind. Michael Kanaan says it succinctly: **"Ask yourself the question, 'Is this already available to me right now, and all I've got to do is go to a GitHub repository and pull that**

**out and extract it, and it's not an offering that requires IP?' Especially if you are just doing it internally, I don't understand why someone feels compelled to build that when there is plenty of democratization of access going on."**

Shameek Kundu echoes this sentiment, saying, **"We've rarely found that a vendor product is just usable off the shelf. You need to add, not just the training data. It's also about developing that algorithm jointly. So, the IP is not just from the algorithm. The IP is from the ability to use that**

KEY TO  
SUCCESS

9

algorithm in a way that actually delivers business value. And that doesn't go away if you buy that original algorithm from somebody else."

Your data and the lessons learned from it are your true IP, not the algorithm.

Ashley Russell says that her job is "[to make sure that with the pockets of excellence, we open it up](#)

and we learn what they're doing. If they're figuring out a way to do a data exchange, well, let's use it. If they're figuring out a way to build that interdisciplinary data science, let's figure out how we all can do it." There is so much to learn by going through this process and pulling knowledge from other areas in your organization.

Start with an assessment of your whole organization. Find out what other groups are doing and whether you can build on that knowledge or need to fill in with automation. There are often opportunities for repeatability. Keep in mind that buying is a viable option when you need to scale, outpace competitors, and free up internal human resources. Avoid reinventing the wheel at all costs.



WHAT'S NEXT IN AI? WHAT NEW  
DEVELOPMENTS IN TECH  
ARE YOU EXCITED ABOUT?

KEY TO  
SUCCESS

10



"Thanks for talking about that positive future state. We sometimes get wrapped around all the negatives, and we've got to manage those. But when you explain to people how this is good, how this [AI] tool is going to make our lives better, I think people open up and get excited."

### Former U.S. Representative Will Hurd

Our guests are always excited to talk about what's next in AI and technology in general. We like to hear their ideas about what the future holds, because it sparks some great discussions.

Shameek Kundu thinks that "[we will move on from using data and analytics to decide what new financial product somebody might want to solve the bigger problems in all our industries.](#)" He envisions using technology to solve much larger problems like climate change. "[How do we fundamentally transform things so that we are](#)

[able to fund, for example, sustainable energy investments? How do we do that with confidence, using data and analytics? So, I see that purpose becoming much higher, and I see the impact from data science becoming much bigger.](#)"

He also thinks "[we're going to get much more focused on responsible use of data and AI, and I think that's absolutely essential. We've been irresponsible in the past, and we need to get our act together.](#)"

KEY TO  
SUCCESS 10

Bina Kalola says that **"we get to a more intelligent place when we stop to question and broadly understand what we don't know and learn those areas. When we stay in silos, we really limit our intelligence, and I think history has shown that the more people we can give more education and information to, we will get more of that insight."**

She sees a lot more collaboration in our future: **"What I'm excited about for a more intelligent tomorrow is also more collaboration, and I think it's really interesting to see technology tools right now that allow a lot more collaboration."**

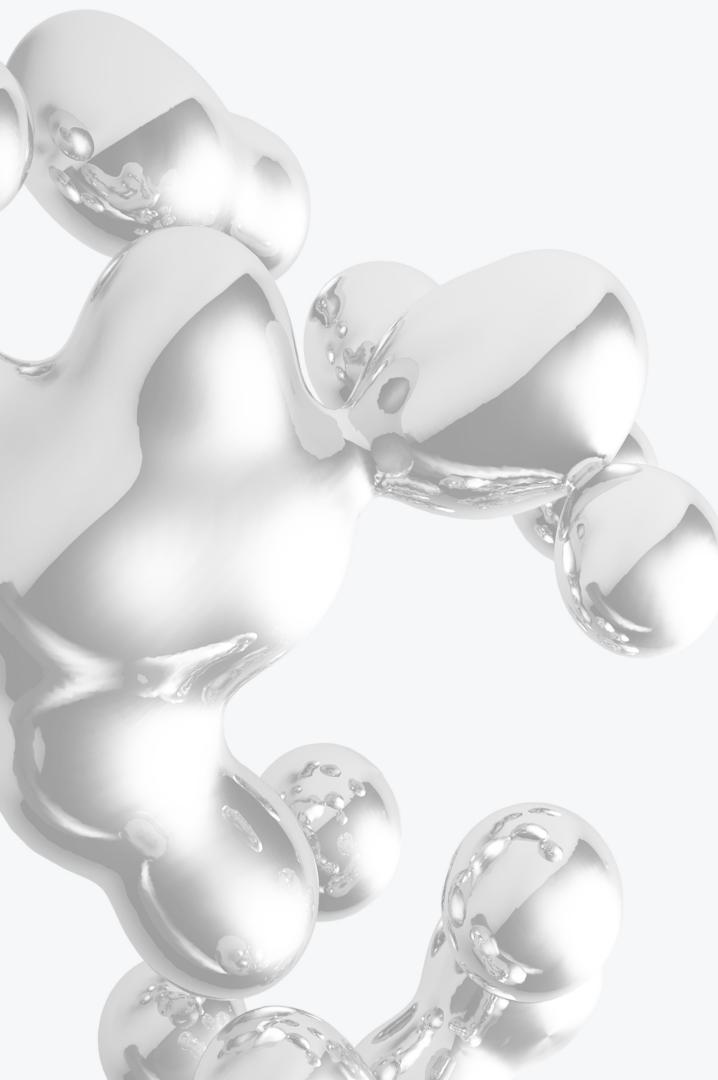
Michael Kanaan says to **"be open to changing times and be open to new ways of doing business, including new people's thoughts, new people's inputs."** As we move forward, he sees a lot of opportunity for the next generation: **"We need to provide this next generation with the resources to [shape] the world the way they want to see it, and AI has a huge role to play in that."**

He also says that we need to ask important questions like, **"Does the current understanding still work for AI? If so, all is gravy. If not, then let's have a willingness to change."**

Dr. Hannah Fry talked specifically about haptic feedback and the IoT. **"The thing that I am most excited about though, in terms of going forward, is haptic feedback. We have had the Internet of Things, and I think that the next step really is the internet of skills. That's something that I'm very much looking forward to."**

Ashley Russell thinks that **"three to five years out, we're going to have a lot more recommendations coming at us. We're going to have much more tailored recommendations for a lot of things. Whether it's procurement, whether it's hiring, any number of things. What policies do we need?"**

She also says that the pace of technology is moving faster than we can keep up with it. **"My challenge is to keep up to speed on what's actually possible. What is the art of the possible? Where have we gone wrong? And what have we learned in this very short, accelerated technological age? Then really trying to bring my leaders along with me and finding allies. The future that we can have won't come unless everyone's together."**

KEY TO  
SUCCESS 10

S.G. thinks that we still have a long way to go and a lot of work to do on natural language processing (NLP). **"I think natural language processing has matured quite a bit, but speech in terms of true speech, like we're having right now, where I say something, you react, and you ask based on what I said, that is still far away."** As far as the future of AI goes, **"The impact of AI is higher in developing countries because scaling medical staff, scaling talented IT staff, all those things is actually part of the bigger picture."**

Former U.S. Representative Will Hurd says that we're going to see **"governments at all levels that have a bit more resources because they have been able to use AI to determine waste, fraud, and abuse, and use that money even more efficiently."** He sees a positive future ahead of us if we embrace AI effectively. **"When you explain to people how this is good, this tool is gonna make our lives better, I think people open up and get excited."**

AI will impact every area of our lives, and its applications are virtually limitless. From solving society's biggest problems to creating new opportunities in business, AI will help us take huge leaps forward in this next decade. As this happens, organizations need to be open to change and ready to adapt, while recognizing the positive changes that technology can bring.



## DataRobot

DataRobot is the leader in enterprise AI, delivering trusted AI technology and enablement services to global enterprises competing in today's Intelligence Revolution. DataRobot's enterprise AI platform democratizes data science with end-to-end automation for building, deploying, and managing machine learning models. This platform maximizes business value by delivering AI at scale and continuously optimizing performance over time. The company's proven combination of cutting edge software and world-class AI implementation, training, and support services, empowers any organization – regardless of size, industry, or resources – to drive better business outcomes with AI.

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