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Trust and accessibility are key to success

Having spent more than a decade helping improve decision-making in production, I have seen firsthand the myriad factors, and their uncertainty, that production teams have to take into account when making decisions. While technology, such as AI, is taking over some of the responsibility of mitigating these factors and uncertainty, production teams still need to make decisions.

You would ask, what does this change? People will still be making decisions as before. What changes when we get a million pairs of eyes to continuously watch everything that impacts our decisions is that it provides us with a ready and well-thought second opinion. This opinion can come to us when a decision is needed or we can seek it when we need to ask for the opinion.

This is exactly where trust and accessibility come into the picture. Only when both exist will the second opinion really matter. This is no different from how second opinions are used for legal or medical purposes. There is a ton of discussion around what accessibility and trust mean for AI. At Falkonry, we have taken these two seriously since our beginning, which is why our customers have continued to show faith in us to provide them with scalable solutions for their production needs.

For an AI solution to scale, quite a few intervening steps are required. It starts with problem definition then moves on to proof of concept, workflow integration, ramp up, deployment across lines/plants, and finally to continuous improvement. To make this happen, the operations team has to be in the lead. That can only happen if they are able to access and trust the solution.

We spend much time educating our users on how they can make decisions differently with Falkonry-powered insights and also on how they can introduce their domain knowledge into this insight process. Our explainable AI provides the production team with answers about its consistency and sensitivity. This lets the production team make better decisions to improve their operations.

Accessibility (or the democratization of tools and data), should not be evaluated based on how well someone with data science training can use a particular AI software tool. Instead, a better way is to ascertain how well SMEs in operational teams can use it to generate incremental value on a day-to-day basis on the processes and operations within your manufacturing environment. Subject matter experts are good at knowing when they see something relevant and zeroing in on what is most important given the right tools. Falkonry is designed to present many such opportunities to perform that kind of iterative evaluation and value creation.

EVENT

Watch Falkonry on-demand at Smart Manufacturing Experience

Two of our steel-focused presentations are now available for on-demand viewing:
1. AI-driven Operational Excellence in the Steel Industry
2. Accelerate Smart Manufacturing in the Steel Industry with Time Series AI
In these presentations, we delve into how our customers are utilizing AI on use cases such as hot run tables and finishing mills to identify root causes and get early warnings. Register for the “Digital Experience” now to watch.

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ORIGINAL CONTENT

Data best practices for successful AI deployment

We are delighted to play our part in the DoD's mission to achieve information dominance and superior Adherence to optimal data best practices can be the difference between successful AI deployment and failure. Here are some guidelines to ensure success.

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TECH TALK

Q&A with Falkonry Founder & CEO, Dr. Nikunj Mehta

This in-depth interview with Cybernews covers everything from which industries will benefit from AI to cyber security best practices and even Falkonry's roadmap for future expansions.

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E-BOOK

How to build a solid analytics foundation for your organization

The analytics foundation you build depends on your organization's current capabilities. This e-book provides a framework to plot those capabilities, and map a journey best suited for you.

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Innovation Leader

Falkonry named one of the most promising technologies to keep an eye on within the steel industry in 2022. A new report from ABI Research that highlights the criticality of technological investment for increasing operational efficiency in the steel industry, names Falkonry as one of the most promising technologies to keep an eye on in 2022. The report projects that the steel industry will be investing US$6 Billion per annum in digital transformation by 2030, and investments will be focused on productivity, safety, and/or sustainability to support operations.
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Briefs

Scaling analytics in process industries. What does it take to scale digital and analytics-enabled improvements in process industries? Ans: Non-bespoke solutions, a portfolio of shared tools, and a culture/infrastructure that facilitates the sharing of those tools throughout a global network. Find out more in this insightful article.
[McKinsey]

Waste equals inefficiency. This simple fact is what it will take to get the majority of manufacturers to make reducing environmental impacts a key strategic consideration. Find out how reducing environmental impacts is no longer a tradeoff thanks to transformative industry40 technologies such as IIoT, AI, and ML.
[IndustryWeek]

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