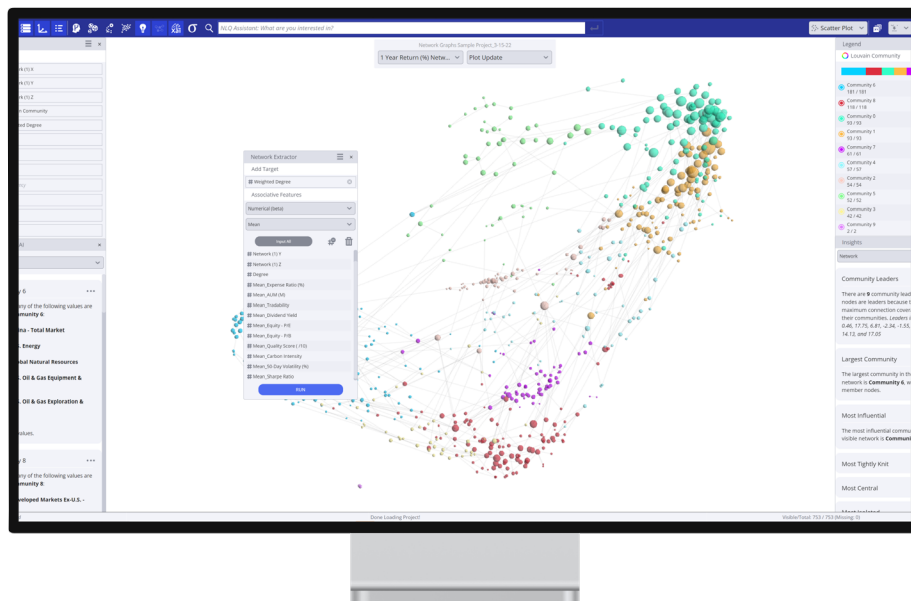# Getting More Out of Databricks with Virtualitics

Explainable, transparent, deployable AI for the enterprise

VIRTUALITICS®

Developing, and successfully, deploying AI applications continues to stump most organizations. Is it a lack of data literacy and trust? Is it because it's too hard to wrangle the breadth and depth of skills needed? Or is it that AI developed in isolation and within a blackbox can't find applicability across the enterprise? Whatever the reasons, you've made, and continue to make huge investments in your data infrastructure, and those investments are not satisfying the needs of the business or paying off the way you thought that they might. And it doesn't need to be that way.

The Virtualitics AI Platform supports the creation and deployment of AI, from start to finish.

The Virtualitics' Network Extractor finds and displays the relationships in your data, then guides you through the exploration so you can see your data the way AI does
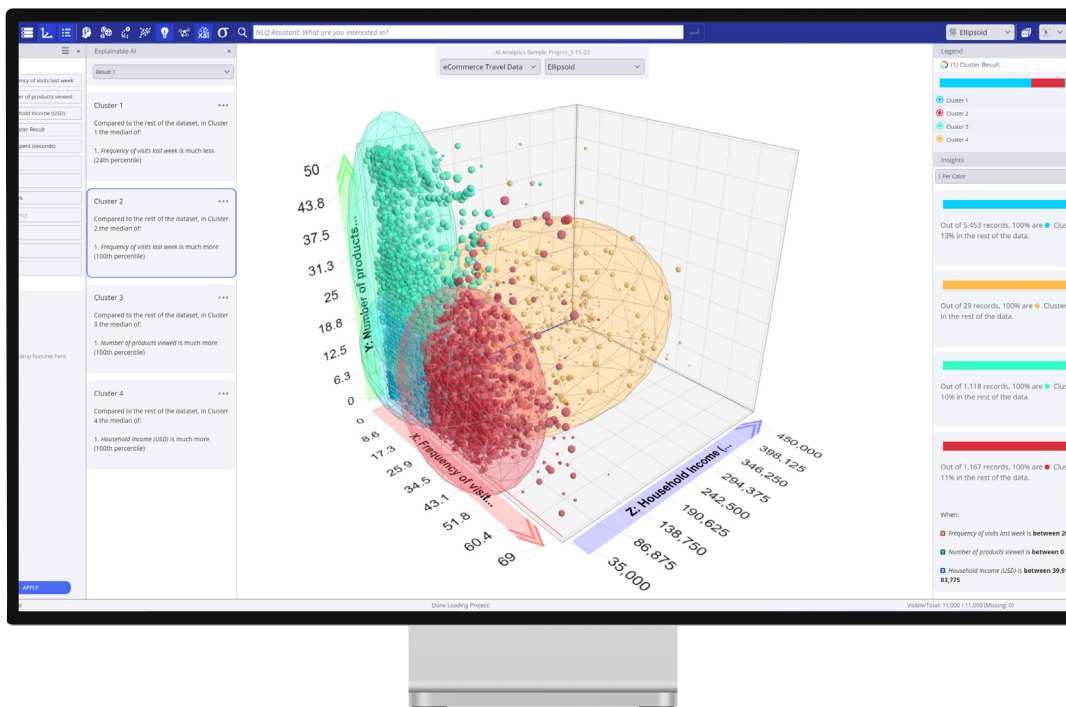
Answer the Data Question

Everything starts with data, but you have so much, how do you even know where to focus? The secret is starting with AI. Virtualitics' patented network extractor, multidimensional, and AI-guided visualizations illuminate your opportunities in a way that splashing around in your data lake and applying 2D visualizations just can't.

Leverage your current data infrastructure, and onboard your vast, complex, datasets. No matter the format or structure, Virtualitics can ingest and fuse your data, and allow you to interrogate with explainable AI.

Open the Black Box to Get and Keep your AI Projects on Track

The combination of explainable AI and multi-dimensional visualizations provides a solid foundation for enduring and responsible AI. These provide a more complete picture of the story playing out in your predictive system by allowing you to see and interrogate the drivers, exposing potential biases or data gaps that could limit the application of the AI. The multi-persona, multi-experience capabilities and powerful, clear visualizations also facilitate collaboration–with analysts, data scientists, and business stakeholders.

Downstream, providing the end user with intuitive visualizations that show the 'why' of the predictions and the means to test out scenarios, build trust and ensure better adoption.
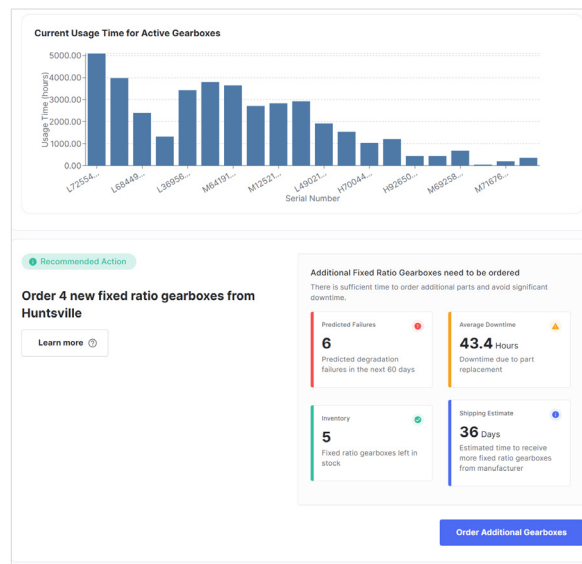

Explainable AI and multidimensional visuals shows you what's going on so you can design more accurate AI applications.
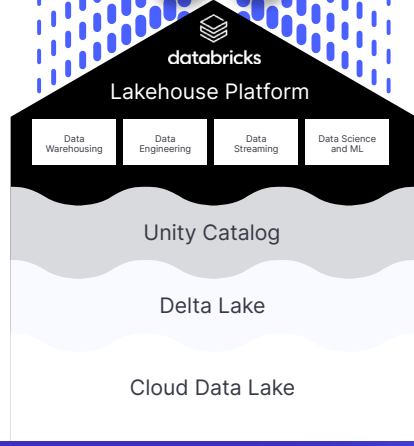
Create, Deploy and Sustain AI Applications

Start strong with focused, AI-guided exploration of your data and intuitive visualizations with XAI that facilitates collaboration with business stakeholders. Align your AI strategy with the business early to create AI applications with impact.

A unified platform removes the friction of multiple systems, and the reliance on scarce resources to deploy AI applications, while also providing users context for the prescriptions. Finally, embed the point of action within the application, closing the gap between prescription and decision, and capturing the impact of your AI prescriptions.

Provide direction to end users, while also giving them the 'why' behind the recommendations so they can make the right decision

How Virtualitics works with Databricks

With Virtualitics' Databricks Connect integration, you can enable PySpark commands to access data from Databricks Delta clusters from Virtualitics and leverage Virtualitics' next-generation, multi-persona exploration capability and deployment platform without extracting to yet another cloud infrastructure. From Virtualitics, you can design and deploy your web-enabled AI app and get your AI out of the lab and into the enterprise.