



Hello Databricks rockstars!

It's March 2023! Here is your quick recap of Databricks platform enhancements, key releases, previews, blogs, and solutions from the last month, as well as trainings and events in the coming month. We highly recommend you follow up with your account managers and solution architects.

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Product Safe Harbor Statement

This information is provided to outline Databricks' general product direction and is for informational purposes only. Customers who purchase Databricks services should make their purchase decisions relying solely upon services, features, and functions that are currently available. Unreleased features or functionality described in forward-looking statements are subject to change at Databricks discretion and may not be delivered as planned or at all.

The Lakehouse Platform

- Ray on Databricks (Public Preview) ([AWS](#), [Azure](#), [GCP](#))
- Notebook cell output results limit increased ([AWS](#), [Azure](#), [GCP](#))
- Databricks Jobs now support running continuous jobs ([AWS](#), [Azure](#), [GCP](#))
- Trigger your Databricks job when new files arrive ([AWS](#), [Azure](#))
- Legacy global init scripts and cluster-named init scripts are deprecated ([AWS](#), [Azure](#))
- [Introducing Upgrades to Databricks Notebooks - New Editor, Python Formatting, and More](#)
- Variable explorer in Databricks notebooks ([AWS](#), [Azure](#), [GCP](#))
- [Databricks extension for Visual Studio Code](#) (Public Preview) ([AWS](#), [Azure](#), [GCP](#) : [Video](#))
- [Announcing New Partner Integrations in Databricks Partner Connect](#) (Privacera, erwin by Quest, Hevo Data, Sigma, At Scale)
- Databricks Runtime 12.2 LTS (Beta) ([AWS](#), [Azure](#), [GCP](#))
- Databricks Terraform provider updated to version 1.9.2 ([AWS](#), [Azure](#), [GCP](#))
- Account SCIM is now GA ([AWS](#), [GCP](#))

- Serverless Real-Time Inference (Public Preview) ([AWS](#), [Azure](#) : [Video](#))
- Serverless SQL warehouses are available to workspaces in supported regions (Public Preview) ([Azure](#))
- Customer-managed keys help protect and control access to some types of data (GA) ([Azure](#))
- Enable private connectivity with Azure Private Link (GA) ([Azure](#))
- Use user-assigned managed identities to access storage in Unity Catalog (Public Preview) ([Azure](#))
- Authenticate to PowerBI and Tableau using OAuth ([AWS](#))
- Audit logs include entries for OAuth SSO authentication to the account console (Public Preview) ([AWS](#))
- Updated required permissions for new workspaces ([GCP](#))
- Secure a workspace with private connectivity using Google <PSC> (Public Preview) ([GCP](#))
- Partner Connect is GA ([GCP](#))
- Authenticate to Databricks REST APIs using a Google ID ([GCP](#))
- Create a workspace using Terraform (Public Preview) ([GCP](#))
- Create a workspace using the Account API (Public Preview) ([GCP](#))
- Blogs, Solutions, and Partner News
 - [Empowering Business Growth in Asia Pacific With Data Governance: Learnings From Economist Impact Webinar](#)

Data Engineering & Analytics

- [Announcing Support for Enhanced Fan-Out for Kinesis on Databricks](#)
- [Announcing General Availability of orchestrating dbt Projects with Databricks Workflows](#)
- Blogs, Solutions, and Partner News
 - [Design Patterns for Batch Processing in Financial Services](#)
 - [How To Migrate Your Oracle PL/SQL Code to Databricks Lakehouse Platform](#)
 - [The 3Ds of Migrating Teradata Workloads to the Databricks Lakehouse Platform](#)
 - [Data Vault Best practice & Implementation on the Lakehouse](#)
 - (4 min Video) [Demo - PowerBI and Delta Sharing](#)
 - (16 min Video) [Advancing Spark - PowerBI Databricks Connector with Native SQL](#)
 - (14 min Video) [Advancing Spark - DLT Updates and Enhanced AutoScaling](#)
 - (5 min Video) [Demo - dbt Core and the Lakehouse](#)

Data Science and ML

- [Announcing the new MLflow Experiments UI](#)
- With Databricks Runtime 12.2 LTS ML and above, you can use existing feature tables in [Feature Store](#) to augment the original input dataset for all of your AutoML problems: classification, regression, and forecasting. For details, see [Feature Store integration](#).

- Blogs, Solutions, and Partner News
 - [Getting started with NLP using Hugging Face transformers pipelines](#)
 - [Best Practices for Realtime Feature Computation on Databricks](#)
 - (29 min Video) [Advancing Spark - Databricks Serverless Real Time Inference](#)

Security

- [Announcing Multi-Cloud support for Security Analysis Tool \(SAT\)](#)
- Blogs, Solutions, and Partner News
 - [Best practices for cross-government data sharing](#)

Customer Solutions

Accelerate onboarding new use cases and your path to production with our pre-packaged Databricks Solution Accelerators and partner BrickBuilder solutions.

- New Solution Accelerators ([complete](#) list of offerings)
 - [Creating Health Plan Price Transparency in Coverage With the Lakehouse \(GitHub\)](#)
 - Analyze DICOM image metadata with SQL ([GitHub](#))
- Databricks Labs Projects, checkout [GitHub](#)!
- Partner Brickbuilder Solutions ([complete](#) list of offerings)
 - [Databricks Expands Brickbuilder Solutions for Migrations in EMEA](#)
- Customers in the News
 - (AT&T) [AT&T migrates from Hadoop to Databricks to deliver innovations to customers](#)
 - (Blitz)(15 Min Video) Builders & Bricksters: [How Blitz Built its Lakehouse on Databricks](#)
 - (Carvana) [Carvana turns to Databricks DLT and streaming to uplevel CX](#)
 - (Corning) [How Corning Built End-to-end ML on Databricks Lakehouse Platform](#)
 - (Freshworks) [Freshworks migrates from Hadoop to the Databricks Lakehouse to improve CSAT](#)
 - (Grammarly) [Helping 30 million people and 50,000 teams communicate more effectively](#)
 - (Grip) [Grip uses Databricks Lakehouse to provide smart shipping solutions](#)
 - (Iterable) [Optimizing touch points across the entire customer journey](#)
 - (iTV) [Transforming the viewer experience for millions](#)
 - (Kythera Labs) [Kythera Labs builds its business on Delta Live Tables and the Databricks Lakehouse](#)
 - (LoyaltyOne/AIR MILES) [Building meaningful connections with loyal customers](#)
 - (MIT) [Using Abandoned Cropland for Carbon Sequestration: a Data-driven Approach](#)
 - (Mojang) [Driving gamer personalization for millions](#) case study (internal-only)
 - (Rolls-Royce)(2 Min Video) [Civil Aerospace Keeps its Engines Running on Databricks Lakehouse](#)

- (Royal FrieslandCampina) [Using Databricks Lakehouse to Modernize its Supply Chain and Reduce Emissions](#)
- (Royal IHC) [Stemming the tide toward sustainable dredging](#)
- (SciPlay) [Delighting millions of social gamers worldwide](#)
- (Shell) [Shell uses Databricks Lakehouse to Reduce its Carbon Footprint](#)
- (SkyHive.io) [Modern technology for a modern workforce](#)
- (Statsig) [Streaming on the Databricks Lakehouse Platform helps Statsig accelerate product growth](#)
- (Stuzo)(9 Min Video) Builders & Bricksters: [Stuzo Shares Best Practices for Accelerating Data Insights With Databricks](#)
- (Wood Mackenzie) [Workflows enables automation and collaboration in the energy sector](#)
- (Zurich Insurance)(30 Min Video) [Champions of Data + AI Episode 25: The Impact of Analytics and AI on the Future of Insurance](#), ft/Dr. Michael Zimmer, Chief Data Officer at Zurich Insurance Germany

Workshops, Webinars, and Events

Databricks regularly offers free webinars, workshops, and regional events. Here is a quick listing of what's coming up in the next month. Beyond this, you may discover regional events if you join a user group at [Databricks Community](#). You may also find self-paced and instructor-led training and certification pathways at [Databricks Academy](#). We also have regular [office hours](#) to connect you with a Databricks expert live

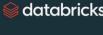
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|  <p>JUNE 26-29, 2023</p> | <p> Data + AI Summit </p> <p>June 26-29, 2023, San Francisco</p> <p>Discounted Registration: I have codes for \$400 off full attendance, plus another \$100 off for groups of 4+. Ask me :)</p> <p>Test fees waived: All test fees are waived for anyone taking Databricks certification exams in person at the conference</p> |
| <p>Technical Enablement/Onboarding Series</p> | <p>Lakehouse Fundamentals Registration Page March 28, 2023: 4pm - 5:30pm BST 8am PT - 9:30am PT April 18, 2023: 4pm - 5:30pm BST 8am PT - 9:30am PT</p> <p>Onboarding Sessions (4 topics) Registration Page Cluster Sizing & Creation: 4pm GMT, 5pm CET, 3/14, 4/25 Introduction to Data Engineering with Delta Lake: 3pm GMT, 4pm CET, 3/15, 4/26</p> |

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| | <p>Introduction to Data Science on Databricks with MLflow: 4pm GMT, 5pm CET, 3/15, 4/26</p> <p>Introduction to Databricks Unity Catalog: 4pm GMT, 5pm CET, 3/16, 4/27</p> <p>Foundational Training Hands-On - 3 sessions (signup via customer/partner academy)</p> <p>March 7: Customer/Partner;</p> <p>March 8: Customer/Partner;</p> <p>March 9: Customer/Partner</p> <p>Platform Administrator Training (signup via customer/partner academy)</p> <p>March 29 Customer/Partner</p> |
|  <p>Staying ahead of the healthcare data wave: streamline data pipelines to drive faster insights</p> <p>Michael Sanky Global Industry Lead for Healthcare & Life Sciences Databricks</p> <p>databricks</p> | <p>Staying ahead of the healthcare data wave: how to drive faster insights (virtual, IQVIA & Databricks))</p> <p>March 1, 2023, 10:00 AM EST</p> <p>For life sciences companies to accelerate drug development and delivery, a streamlined approach to data pipeline management is crucial. Join Katie Laughlin & Bill Zanine from IQVIA and Michael Sanky from Databricks, to learn how our partnership enables faster data ingestion rates, quicker delivery of insights, & reductions in cost.</p> |
|  <p>WEBINAR</p> <p>How Geospatial Data & AI Innovation is Enabling Citizen and Social Value</p> <p>Wednesday 01 March 10am GMT</p> | <p>How Geospatial Data and AI Innovation Are Enabling Citizen and Social Value (Virtual)</p> <p>March 1, 2023 10:00 AM GMT – March 1, 2023 11:30 AM GMT</p> <p>The evolution and convergence of technology have fueled a vibrant marketplace for timely and accurate geospatial data. In this webinar, Databricks are joined by Ordnance Survey, as we explore how the Geovation community and Ordnance Survey are leading with geospatial innovation to enable citizen and social value.</p> |
|  <p>Live Event</p> <p>Databricks Government Symposium</p> | <p>Databricks Government Symposium (Washington, DC)</p> <p>March 7, 2023 8:00 AM EST</p> <p>On March 7, Databricks is hosting a Government Symposium in Washington, DC, focused on the critical role of data, analytics and AI within the public sector. We hope you'll join us. In addition to networking with industry peers, you'll hear from data leaders and innovators from agencies across the public sector speaking to the big data challenges they're solving and the government-specific use cases they're investing in across their data estate.</p> |

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|  databricks Virtual Event Build and Deploy ETL Pipelines With Delta Live Tables |  <p>Build and Deploy ETL pipelines with Delta Live Tables (virtual) March 7, 2023 9:00 AM PST – March 7, 2023 10:30 AM PST</p> <p>In this session, you will learn how to build and deploy a declarative streaming ETL pipeline at scale with DLT, how DLT automates complex and time-consuming tasks like task orchestration, error handling, recovery and auto-scaling with performance optimizations. Finally, we will show you how DLT enables data teams to deliver fresh, up-to-date data with built-in quality controls and monitoring ensuring accurate and useful BI, Data Science and ML.</p> |
|  <p>Financial Services Symposium Live Event NYC</p> | <p>Financial Services Symposium (NYC) March 8, 2023</p> <p>The data-driven future of financial services is open for business. Join our Financial Services Symposium to hear from leading global firms across banking, insurance, capital markets and fintechs on how they are democratizing and monetizing data with a modern platform in the cloud. It's a great opportunity to engage with senior data executives, business leaders and Databricks experts on the latest data, analytics and AI technologies.</p> |
|  <p>How Data is Making Manufacturing and Supply Chains More Resilient, Efficient, and Sustainable March 8, 2023 Munich, Germany</p> |  <p>How Data Can Make Manufacturing More Efficient (Munich) March 8, 2023 1:00 PM CET – March 8, 2023 4:00 PM CET</p> <p>Join us to learn how Databricks and Qlik are helping manufacturers leverage their IT and OT data to extract the full potential of business-critical enterprise data, lower costs for IT resources & deliver real-time prescriptive insights that improve productivity.</p> |
|  <p>Virtual Event Lakehouse Insights Roundtable Accelerating energy insights with the lakehouse MARCH 9 / 9 AM PT</p> | <p>Lakehouse Insights Roundtable: Accelerating energy insights with the lakehouse (virtual) March 9, 2023 9:00 AM PST – March 9, 2023 10:30 AM PST</p> <p>Digital technology is playing a much bigger role in shaping an optimized energy system as infrastructure becomes more distributed and incorporates increasingly diverse energy sources. Leading organizations are harnessing the power of the Lakehouse to break down silos and foster actionable insights that improve safety, increase operational reliability and move clean energy technologies forward. Join us for an interactive panel of experts to learn how energy companies are accelerating energy transition and driving higher returns with data, analytics and AI.</p> |

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|  <p>Lakehouse Days Discover Lakehouse live and in person</p> <p>1s London Paris Amsterdam Stockholm Madrid M</p> | <p>EMEA Lakehouse Days (Live) March 14, 2023 8:00 AM GMT – April 19, 2023 8:00 AM BST</p> <ul style="list-style-type: none"> ● Brussels: March 14 ● Tel Aviv: March 14 ● Amsterdam: March 16 ● Copenhagen: March 21 ● Manchester: March 21 ● Oslo: March 22 ● Stockholm: March 23 ● Frankfurt: March 23 ● London: March 23 ● Madrid: March 28 ● Munich: March 30 ● Paris: March 30 ● Milan: March 30 ● Zurich: April 18 ● Dublin: April 19 <p>Join us to find out how the lakehouse architecture unifies your data, analytics, and AI, combining the best of data warehouses and data lakes on one simple platform. Built on an open and reliable data foundation that efficiently handles all data types, the lakehouse applies one common security and governance approach across all your data and cloud platforms. We're coming to a city near you. Find out more about your local event.</p> |
|  <p>ML Virtual Event Enabling Production ML at Scale With Lakehouse</p> <p>Patrick Wendell Co-founder and VP of Engineering DATABRICKS</p> | <p>Enabling Production ML at Scale With Lakehouse (virtual) March 14, 2023 9:00 AM PDT</p> <p>The journey from training a simple model to creating a production machine learning pipeline is often seen as challenging. Typically, you have to overcome hurdles such as siloed data, inconsistent tooling and overly complex infrastructure.</p> |
|  <p>VIRTUAL EVENT Powering Personalization With Data Lakehouse How the lakehouse accelerates customer engagement</p> | <p>Powering Personalization with Data Lakehouse (virtual) March 16, 2023 12:00 PM SGT</p> <p>Personalization at scale is the next frontier for customer-driven organizations. See how leaders across industries are leveraging Lakehouse to create better relationships, build trust and increase engagement at massive scale.</p> |

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| <p>Webinar</p> <p>Data, analytics and AI for faster innovation</p>  | <p>Data, analytics and AI for faster innovation (virtual)</p> <p>March 16, 2023 9:00 AM PDT</p> <p>Maximize your efficiency, delight your customers and drive your retail business to new levels of performance. The Databricks Lakehouse for Retail is designed to help businesses like yours handle data, analytics and AI on one platform.</p> |
| <p> Webinar</p> <p>Data, analytics and AI for faster innovation</p> <p>Why a lakehouse is right for retailers</p>  | <p>Lakehouse for Retail, featuring Petsmart (virtual)</p> <p>March 16, 2023 9:00 AM PDT</p> <p>Discover Lakehouse for no-compromise retail. Maximize your efficiency, delight your customers and drive your retail business to new levels of performance. The Databricks Lakehouse for Retail is designed to help businesses like yours handle data, analytics and AI on one platform. Learn more in a Databricks webinar on March 16, 2023.</p> <p>You'll find out how to:</p> <ul style="list-style-type: none"> • Empower your employees to collaborate in real time • Optimize your supply chain for speed and profitability • Engage your customers at infinite scale by personalizing content |
| <p> Networking Event</p> <p>Databricks and AWS Party for Gaming</p> <p>MARCH 21 / 6 PM PT</p>  | <p>Databricks and AWS Party for Gaming (San Francisco)</p> <p>March 21, 2023 6:00 PM PDT</p> <p>Kick off GDC in style on Tuesday, March 21, by joining Databricks, AWS, Slalom and your gaming peers for an evening of networking, food and drinks.</p> |
| <p> Live Event</p> <p>Building a Lakehouse for Healthcare: Unlocking Price Transparency</p> <p>3.21.23 9:00 AM PT</p>  | <p>Building a Lakehouse for Healthcare: Unlocking Price Transparency (Virtual)</p> <p>March 21, 2023 9:00 AM PDT – March 21, 2023 12:00 PM PDT</p> <p>Organizations are facing challenges with this mandate both in sharing data per the regulations, and consuming data for comparison purposes. They must navigate ambiguous CMS requirements, unify disparate datasets across the organization, and handle large volumes of data. Even the self-proclaimed fastest parser, the GPU-based simdjson, can't handle the complexity and volume of data. But, with the Lakehouse, you can. Join this workshop to learn more!</p> |

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|  <p>Live Hands-On Workshop</p> <h3>Build a Modern Data Stack</h3> <p>Data transformation on the lakehouse</p>  | <p>Build a Modern Data Stack With dbt and Databricks (virtual) March 23, 2023 10:00 AM PDT – March 23, 2023 12:30 PM PDT</p> <p>In this live hands-on workshop, you'll follow a step-by-step guide to achieving production-grade data transformation using dbt Cloud with Databricks. You'll build a scalable transformation pipeline for analytics, BI, and ML – entirely from scratch.</p> |
|  <p>Virtual Event</p> <h3>The Best Data Engineering Platform Is a Lakehouse</h3> <p>Talks. Demos. Success stories. Q&A.</p>  | <p>The Best Data Engineering Platform is a Lakehouse (virtual) March 29, 2023 12:00 PM SGT</p> <p>Easily ingest and transform batch and streaming data with reliable production workflows on a single data platform. The Databricks Lakehouse Platform is the best place to build and run modern data pipelines to support real-time analytics, ML and applications. Find out how in this live webinar.</p> |
|  <p>Webinar</p> <h3>Powering customer experiences</h3>  | <p>Intro to a Modern Marketing Analytics Stack (virtual) March 29, 2023 10:00 AM PDT</p> <p>Today's organizations have access to unprecedented volumes of marketing data – data that can vastly improve customer experiences and unlock greater levels of efficiency. However, only 53% of marketing decisions are influenced by analytics¹. To make data-driven decisions, organizations need a modern data stack that captures, stores and processes heterogenous customer data efficiently.</p> |
|  <p>Hands-On Workshop</p> <h3>Live hands-on lab with Azure Databricks</h3> <p>Implement a complete data lifecycle</p>  | <p>Azure Databricks Lakehouse Labs (virtual) March 30, 2023 9:00 AM PDT – March 30, 2023 1:00 PM PDT</p> <p>Join Databricks and Microsoft to learn how to leverage best practices for implementing a complete data analytics, data engineering and data science lifecycle on the lakehouse with Azure Databricks.</p> |
|  <p>Free Training</p> <p>Hands On Workshops On your favorite topics</p>  | <p>Expert Solution Architect led 90-min interactive sessions 11:00am Pacific, roughly every 2 weeks</p> <p>Register for your favorite topics (Also available recorded/on-demand)</p> <ul style="list-style-type: none"> ● Introduction to Delta and Lakehouse (Wednesdays) ● Delta and Databricks SQL (Tuesdays) ● End to End ML on Databricks (Tuesdays) ● Deep Learning on Databricks (Wednesdays) |

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| | <ul style="list-style-type: none">• Delta in Production (Fridays)• Delta Live Tables (Mondays)• Unified Governance with Unity Catalog (Fridays) |
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