

Azure Databricks Workshop

As data volumes grow and AI adoption accelerates, organizations must unify platforms, ensure trusted governance, and deliver real-time insights across teams. For leaders grappling with siloed tools or inconsistent data quality, this one-day Azure Databricks workshop offers a focused opportunity to align business goals with scalable, intelligent architecture to unlock the full potential of your data estate.

Who Should Participate

Presidio's Data and AI Solution Architecture team facilitates the hands-on workshop in a single day, and your participation is vital.

Suggested attendees:

- Chief Data Officer (CDO)
- Line of Business Leadership
- Data Team Leader(s) and Engineers
- Enterprise and Data Architects
- Business Intelligence (BI) and Analytics Teams
- Information Security Teams
- Risk and Compliance Teams



Workshop Topics

- **Modern Analytics Powered by AI:** Turn natural-language questions into real-time insights with Mosaic AI and Azure Databricks SQL text-to-SQL, including AI/BI Genie.
- **Trusted Data Governance:** Unity Catalog unifies security, lineage, and fine-grained access so AI models run on reliable, compliant data.
- **Unified Lakehouse Platform:** Azure Databricks Lakehouse unites data engineering, streaming, warehousing, BI, and machine learning on one open foundation.
- **Reliable, Open Storage with Delta Lake:** A single source of truth for all batch and real-time data workloads.
- **Automated and Cost-Efficient Operations:** Workflows and Delta Live Tables automate pipelines, optimize job costs, and enforce data quality. This one was already tight, so I left it unchanged.
- **Tailored Strategy and Roadmap:** A custom action plan mapping your goals to concrete Lakehouse and AI initiatives.

Key Workshop Outputs

Gain immediate value and insight through the following key outputs of the workshop:

- Business alignment of high-level goals and objectives with Azure Databricks AI, modern data architecture patterns and approaches.
- Recommendations for data and AI tools and platforms that focus on key areas of need.
- Actionable recommendations for implementing a data and AI estate modernization plan.
- Identify gaps between current capabilities and desired state.
- Strategic roadmap outlining the steps, timelines, and effort required for each recommendation.

Benefits of Workshop

Participants and the organization will gain immediate value and insight, including:

- High-level assessment of current data estate, AI and data technologies, and capabilities within the organization.
- Understanding of the AI and data infrastructure and technologies available to modernize your environment and grow with the business.
- Options for improving analytics, data science, generative AI, and BI capabilities.
- Improved awareness and knowledge to optimize data storage and processing costs.
- Practical approaches to apply data governance within the modern platform's data management functions.



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