

Azure Databricks Consulting Service

ABOUT THE COMPANY



- 1. Established in 2002.
- 2. Extensive range of technologies & services.
- 3. International offices in USA, France, Australia, Dubai with head office and company registration in the UK.
- 4. Large In-house development Team in India.
- 5. Ability to provide extensive onshore services and Development Teams
- 6. We have provided solutions to 10,000+ clients all around the world working on more than 18,000 projects.



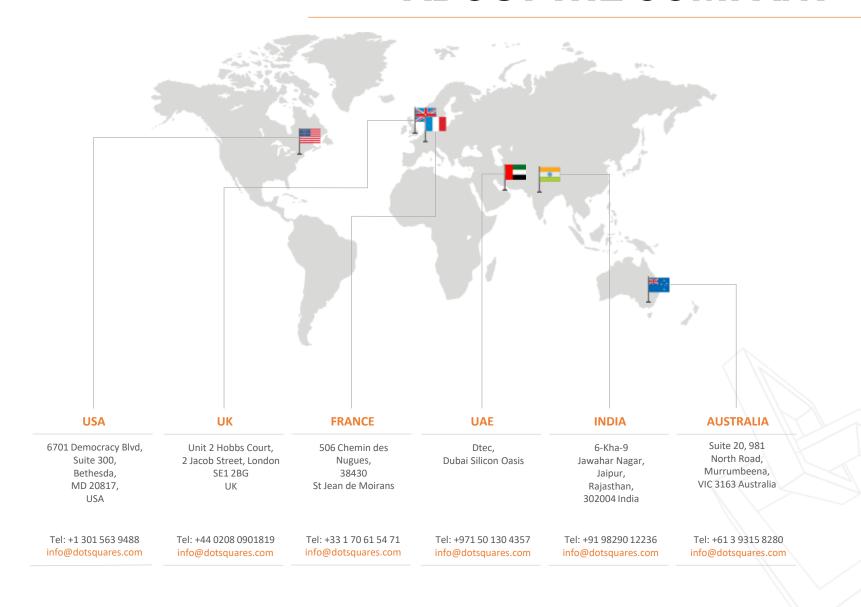






ABOUT THE COMPANY





- Azure Databricks is a powerful data analytics and data management platform that can greatly benefit businesses of all sizes. By choosing Dotsquares Azure Databricks consulting services, businesses can leverage the platform's advanced capabilities to extract valuable insights from their data.
- With Azure Databricks, businesses can easily process, analyze, and visualize large amounts of data from multiple sources in a highly collaborative and scalable environment. This cloud-based platform provides a unified workspace for data scientists, engineers, and analysts to work together and share insights.







Core capabilities of Azure Databricks



Easily access **Machine Learning Run Time** preconfigured machine learning environments with state-ofthe-art frameworks, such as PyTorch, TensorFlow, and scikitlearn to augment machine

learning tasks.

Ensure the security security of your data with effortless Enterprise-grade native security features that protect data at rest and in transit, and create secure, compliant, and isolated analytics workspaces for multiple users and datasets.

Perform data **Optimized Apache Spark Engine** processing on a scalable infrastructure with a highly optimized Apache Spark™ engine to achieve up to 50 times better performance.

Integrate your Delta Lake existing data lake with an open-source transactional storage layer that enables data reliability and scalability across the entire data lifecycle

Core capabilities of Azure Databricks



Quickly access **Collaborative Notebooks** and explore data, share insights, and build models collaboratively with your preferred programming language, including Python, Scala,

R, Spark SQL,

and .Net.

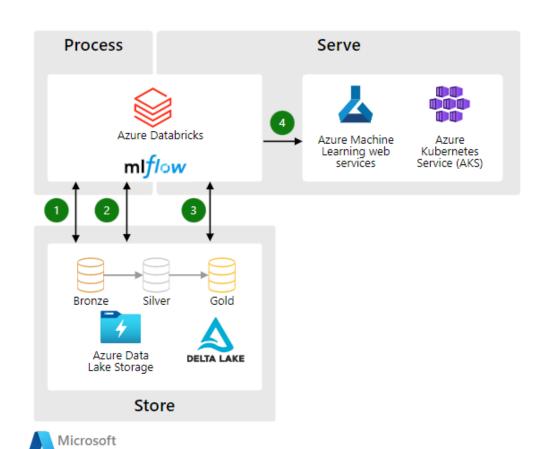
Complete your Native Integrations with Azure Services end-to-end analytics and machine learning solution with deep integration with Azure services, such as Azure Data Factory, Azure Data Lake Storage, Azure Machine Learning, and Power Bl.

Execute and scale the most critical data workloads with confidence on a reliable data platform, with ecosystem integrations for continuous integration and deployment (CI/CD) and monitoring.

Facilitate nteractive Workspaces seamless collaboration between data scientists, data engineers, and business analysts in interactive workspaces.

Databricks Data Architecture





- Our approach to data architecture makes it easier to access and use large volumes of data from both traditional and non-traditional sources.
- Our secure and adaptable architecture solutions are designed to address common challenges associated with outdated and inflexible architectures, including:
 - Inability to quickly meet business requirements.
 - Inability to process data in real-time or near realtime.
 - Difficulty managing big data (huge volumes, streaming, and a variety of data sources and types).
 - Inconsistencies in data collection, processing, and usage.
 - Insufficient infrastructure for advanced analytics.

Databricks Data Architecture

• We create adaptable data architectures on Databricks that encourage the use of high-quality, relevant, and accessible data. These cloudbased solutions are designed to scale alongside your business, resulting in cost savings and improved efficiency.

Databricks Platform Migration

 We will migrate your data assets to Databricks by creating a tailored migration plan that includes technical migration details for all environments, training, and go-live procedures.

Databricks Health Check

 We can assess the operational excellence, security, reliability, performance efficiency, and cost optimization of your existing Databricks environment. Our team will offer comprehensive suggestions and best practices to enhance these five areas.

Cloud Readiness Assessment

 We utilize our migration template to determine if you're ready to transition to the cloud. Our approach emphasizes minimal business disruption, and we'll provide a roadmap of steps you need to take for a seamless and efficient migration.

- By engaging with Azure Databricks consulting services, businesses can unlock the full potential of this platform and accelerate their data-driven decision-making processes. Our team of experts can help businesses with data architecture design, data pipeline optimization, data modeling, and data visualization. We can also provide training and support to ensure that businesses can fully utilize the platform's advanced features. https://learn.microsoft.com/en-us/
- Dotsquares offers flexible arrangements for clients to hire its teams of software consultants, architects, bug data specialists, AI experts, data scientists, and cloud computing experts at an affordable rate.

Dotsquares, comprising a team of technical experts with diverse expertise gained from different parts of the world, offers its technical skills to various industries, including banking, finance, legal services, life sciences and healthcare, technology, media, and the public sector to deliver the best value to clients.

(MICROSOFT) CLOUD CERTIFICATIONS

60+ CERTIFIED PROFESSIONALS IN CLOUD RELATED SERVICES

























SOME OF OUR CLIENTS











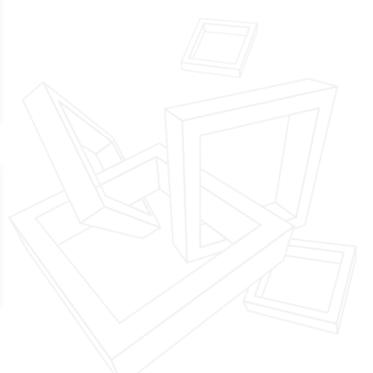












SPEAK TO THE RECORD BREAKERS!

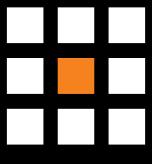


Use your app to set records....

Like Fujitsu who recently ran a single video simultaneously across 220 tablets, which collectively would form one screen like a mosaic – and this many had never been tried before...!







thank you