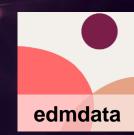
Getting Started with Azure Databricks

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April 14, 2025







Wilson Mok

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- in /wilson-mok
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My experiences includes:

- Avanade
- CAE
- Air Canada



Expected Audience and Presentation Structure



- This session, we will cover:
 - Introduction to Azure Databricks
 - Core Technologies Overview
 - Creating well-annotated metadata for your data assets
 - Explore Your Data using Al/Bl Genie
- Fundamental knowledge: Basic SQL, Databricks would be beneficial but not required.

Databricks provides a Unified Data Intelligence Platform for Data and Al



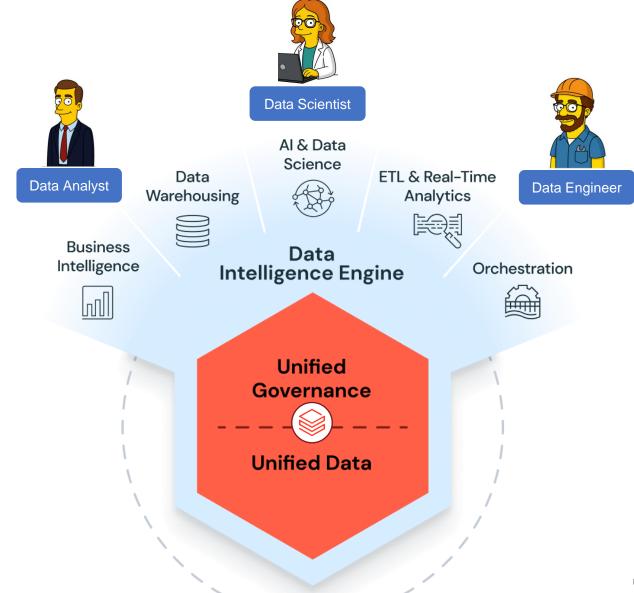
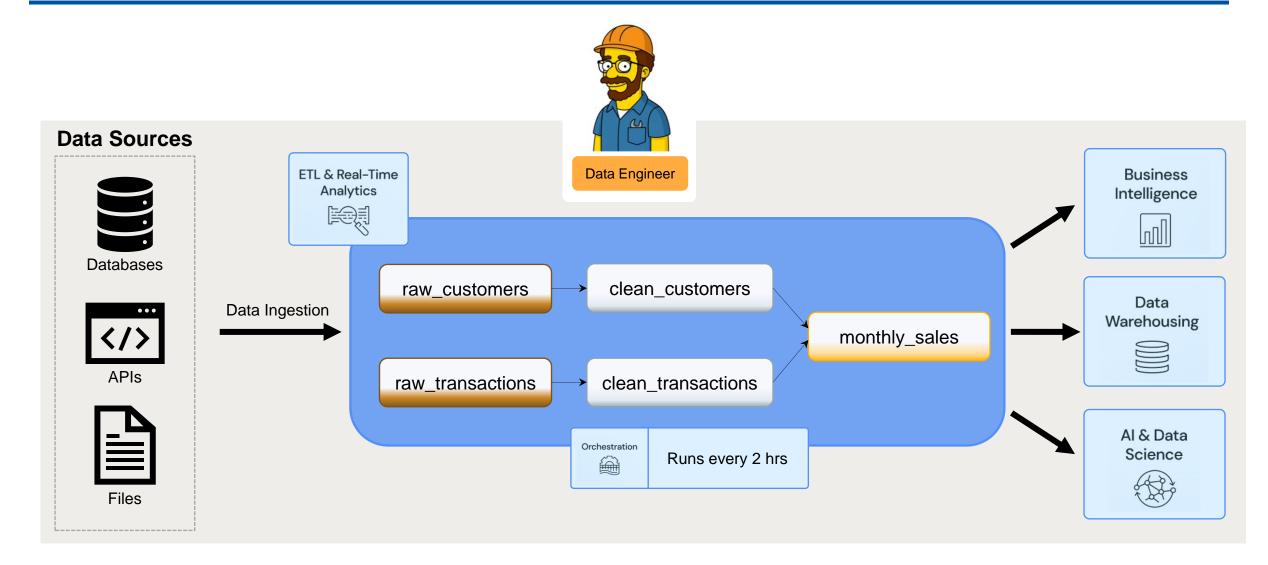


Image Credit: https://www.databricks.com/product/data-intelligence-platform

Data Engineers uses Databricks to build reliable data pipelines deliver fresh and actionable data to the business





Data Scientists experiment, track and deploy models faster using MLFlow, and Mosaic Al.



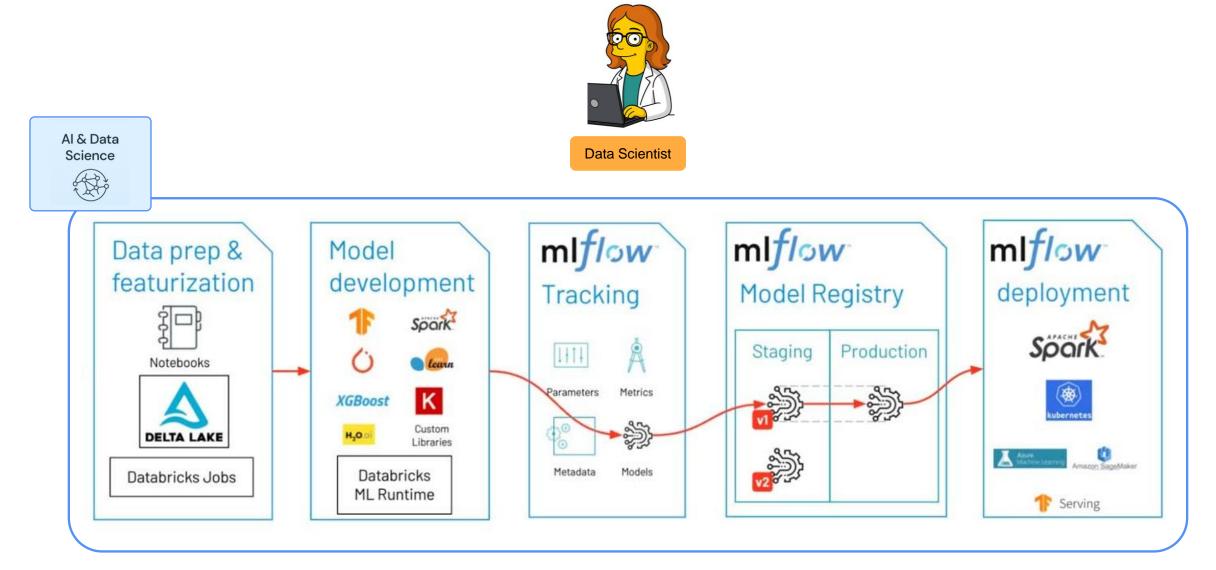


Image Credit: https://www.databricks.com/blog/2021/06/24/three-principles-for-selecting-machine-learning-platforms.html





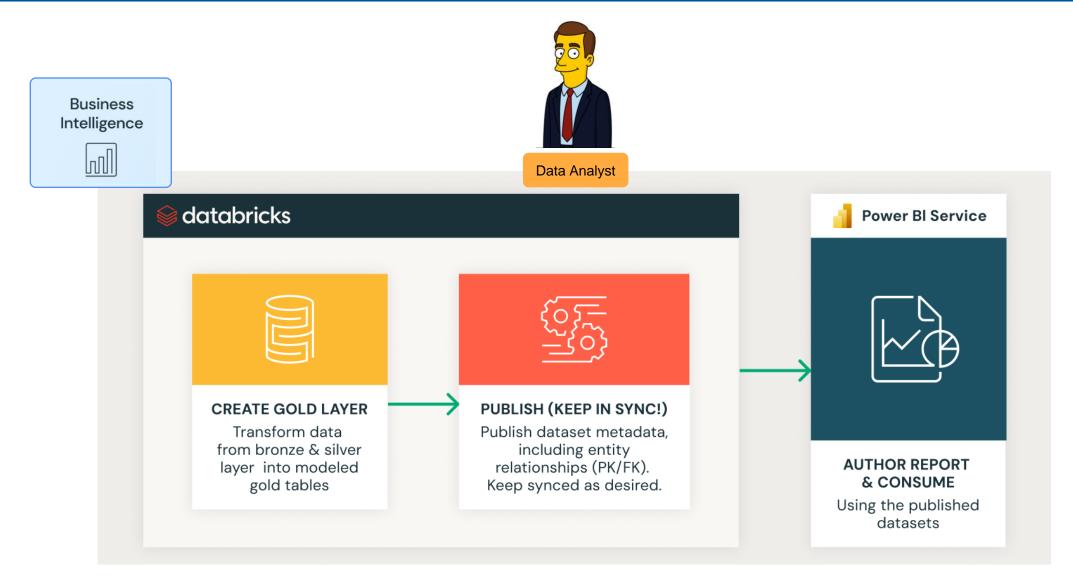


Image Credit: https://www.databricks.com/blog/announcing-general-availability-publish-microsoft-power-bi-service-unity-catalog





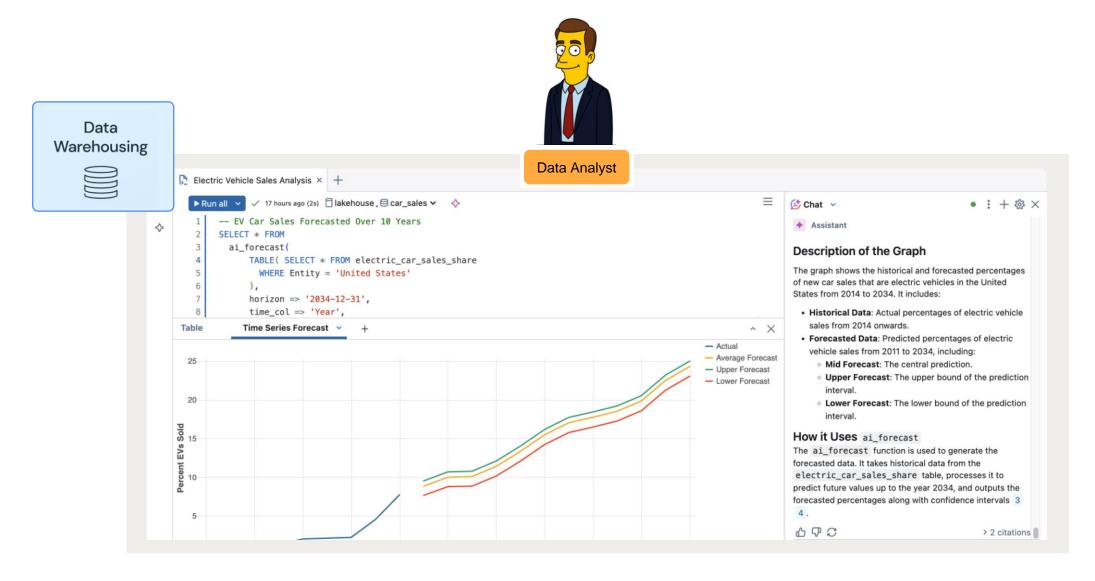


Image Credit: https://www.databricks.com/product/databricks-sql

Quick Tip: Databricks Assistant reduces the friction of Learning and Accelerates your productivity





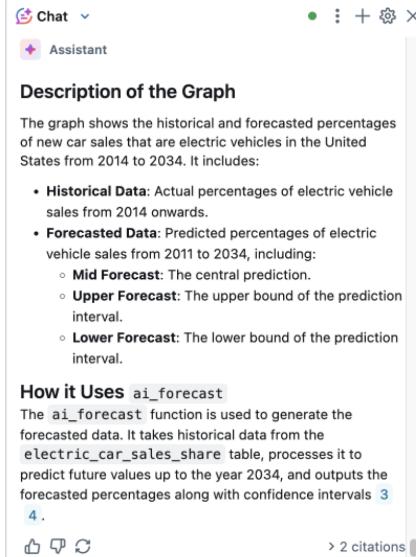
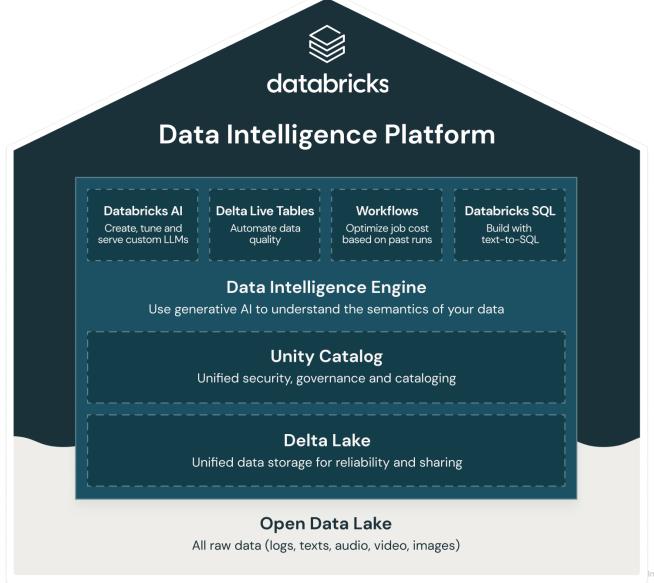


Image Credit: https://www.databricks.com/product/databricks-sql

Key technologies that powers Databricks: Delta Lakehouse, Unity Catalog, Serverless Compute

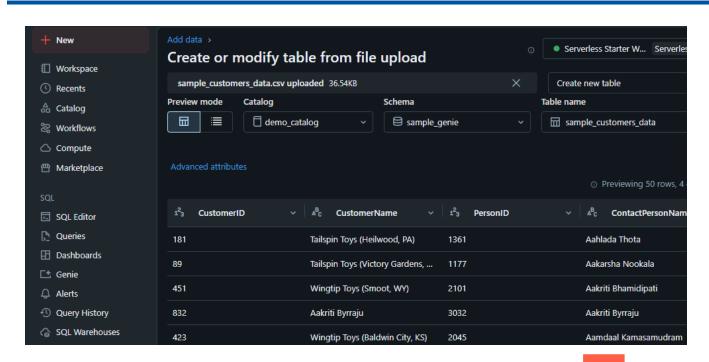


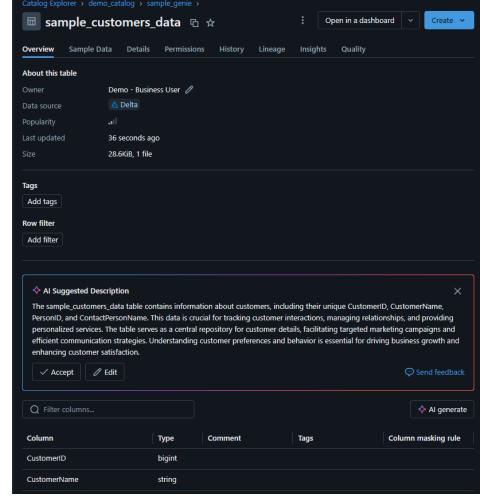


nage Credit: https://www.databricks.com/product/data-intelligence-platform







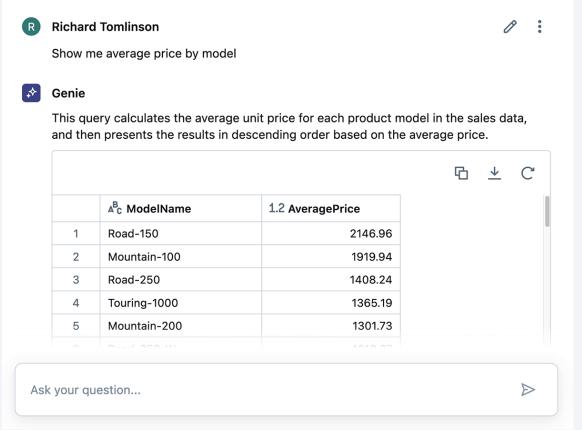


Q & A 1 (5 minutes)

Having a Conversation with your data using Al/Bl Genie

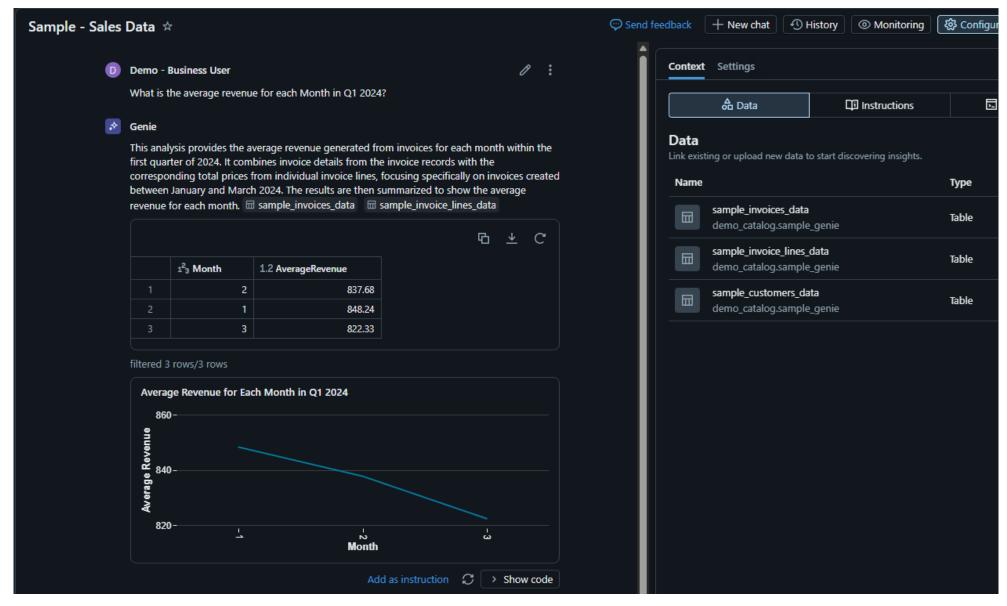












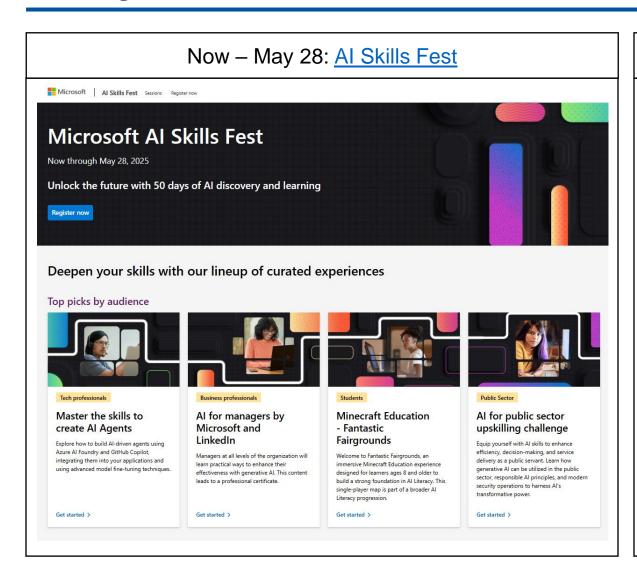
After all this, we have run through...



- Databricks Unified Data Intelligence Platform bring Data Engineers, Data Scientist and Data Analysts together into one collaborative environment.
- Everyone can collaborate in the same notebook with their preferred programming language or use traditional SQL for queries and quick visualizations.
- Databricks Assistant and AI/BI Genie lower the barriers to learning, building and exploring data power by AI.
- A strong foundation is created through Unified Data (Delta Lake) and Unified Governance (Unity Catalog) enable trusted, governed access to your data assets.
- Data Intelligence Engine extend Databricks into generative AI and conversational analytics.
- The code is in my Github repo:
 - https://github.com/wilson-mok/demo/tree/main/2025/EdmData/1-Azure-Databricks-Intro/

Training for Fabric, AI and Databricks







Q & A 2

Thank you

