




Data, Analytics and AI “Current Events” and What to Expect in the Future

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Andrew.Bio()

-  **BLUE BADGE**
INSIGHTS Founder and CEO
- Big Data blogger for ZDNet, The New Stack
- Data and Analytics analyst for Gigaom
- Microsoft Regional Director, MVP
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Agenda

- Data Warehouses and Data Lakes
- Data Governance
- Machine Learning Operations (MLOps)
- Artificial Intelligence and Business Intelligence
- Low-Code/No Code
- Analysis, predictions

Lots of Logos, Because Companies + Products + News = Trends



- Funding
- New products, platforms
- New categories
- Partnerships
- Acquisitions

Data Warehouse vs. Lake vs. “Lakehouse”



Data Warehouse

- Snowflake partnership exploding



Data Lake

- Cloudera, cloud providers



Data Lakehouse

- Databricks 1.6B Series H
- Dremio Cloud: A “SQL lakehouse” cloud service



Data (+AI) Governance



Alation adds governance to its data catalog



Confluent governance for streaming data

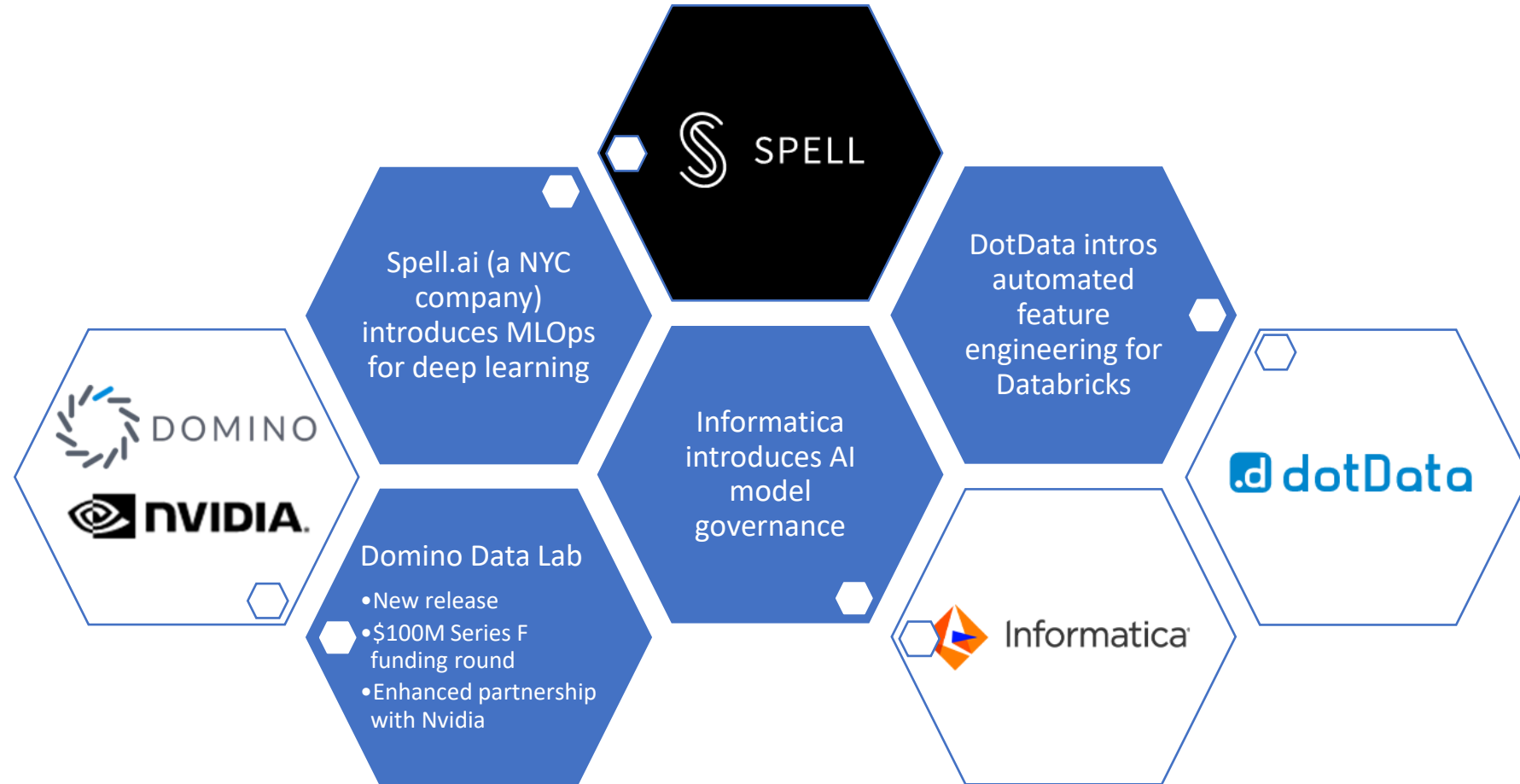


Microsoft's Azure Purview data governance platform now generally available

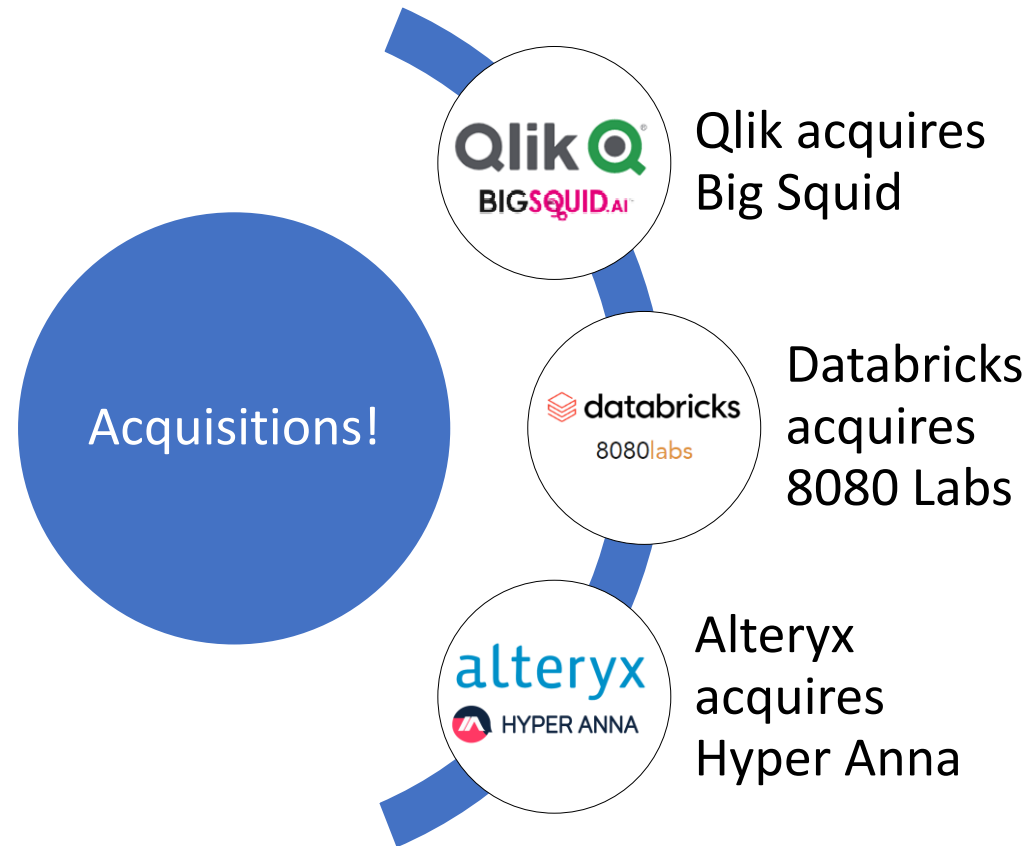


Informatica introduces AI model governance

MLOps



AI + BI



Low-Code/No Code in the Data + AI World



Qlik/Big Squid



Matillion adds low-code/no code ELT data pipelines



Alteryx integrates with UiPath

- Data pipelines + RPA

What's Going to Happen?

Lake, warehouse and lakehouse companies will fight for same customers and distinctions will blur

Establishing workable data governance will become standard operating procedure for any large organization

- And AI will eventually need to be part of what's governed

Machine learning/AutoML in Business Intelligence tools will become a baseline requirement (so-called "Table Stakes")

AI will get easier, more mature, and more enterprise-ready

- MLOps will become a corporate IT mainstay

Relevant Articles

- The New Stack
 - [Alation Delivers a New Data Governance App](#)
 - [Matillion Stretches Data Value Chain Beyond Engineers with Low-Code](#)
 - [Alteryx Integrates with UiPath, Uniting RPA and Data Pipelines](#)
- ZDNet
 - [Databricks raises \\$1.6B series H funding round](#)
 - [Dremio launches "SQL Lakehouse" cloud service](#)
 - [Confluent announces governance for streaming data](#)
 - [Azure Purview data governance service heads to GA](#)
 - [Informatica Introduces AI Model Governance](#)
 - [DotData boasts automated feature engineering for Databricks](#)
 - [Spell introduces MLOps for deep learning](#)
 - [Databricks, Qlik, Nvidia show AI is heating up](#)