



Single Day Event

Azure Cloud Analytics,
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Bayer Pharma R &D



Agenda

Big Data Analytics

Modern Data Warehouse

Azure Cloud Analytics Architecture

Use Case & Implementation

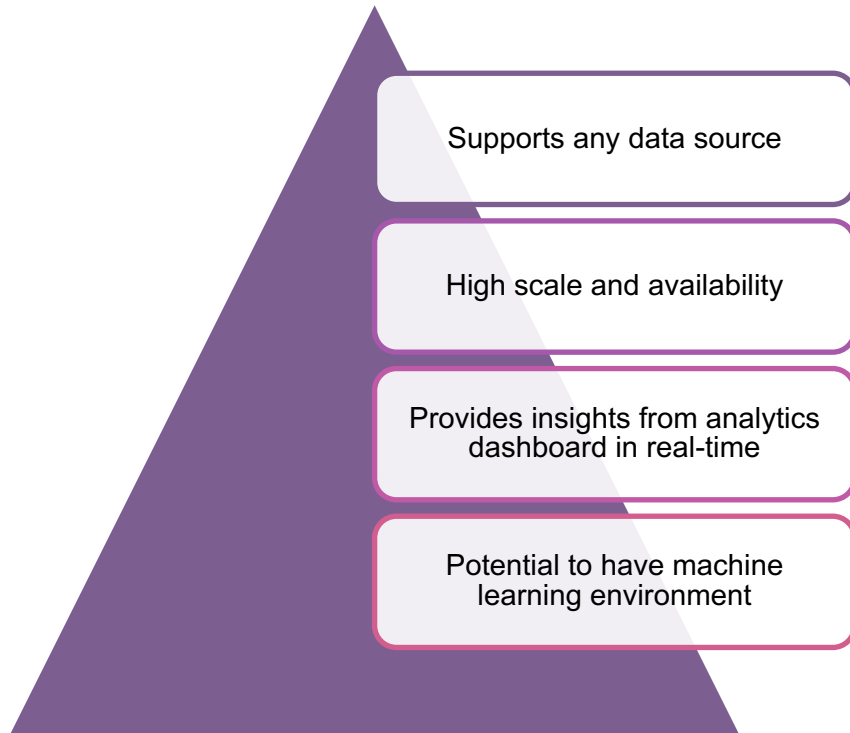
Q & A

What is Big Data Analytics



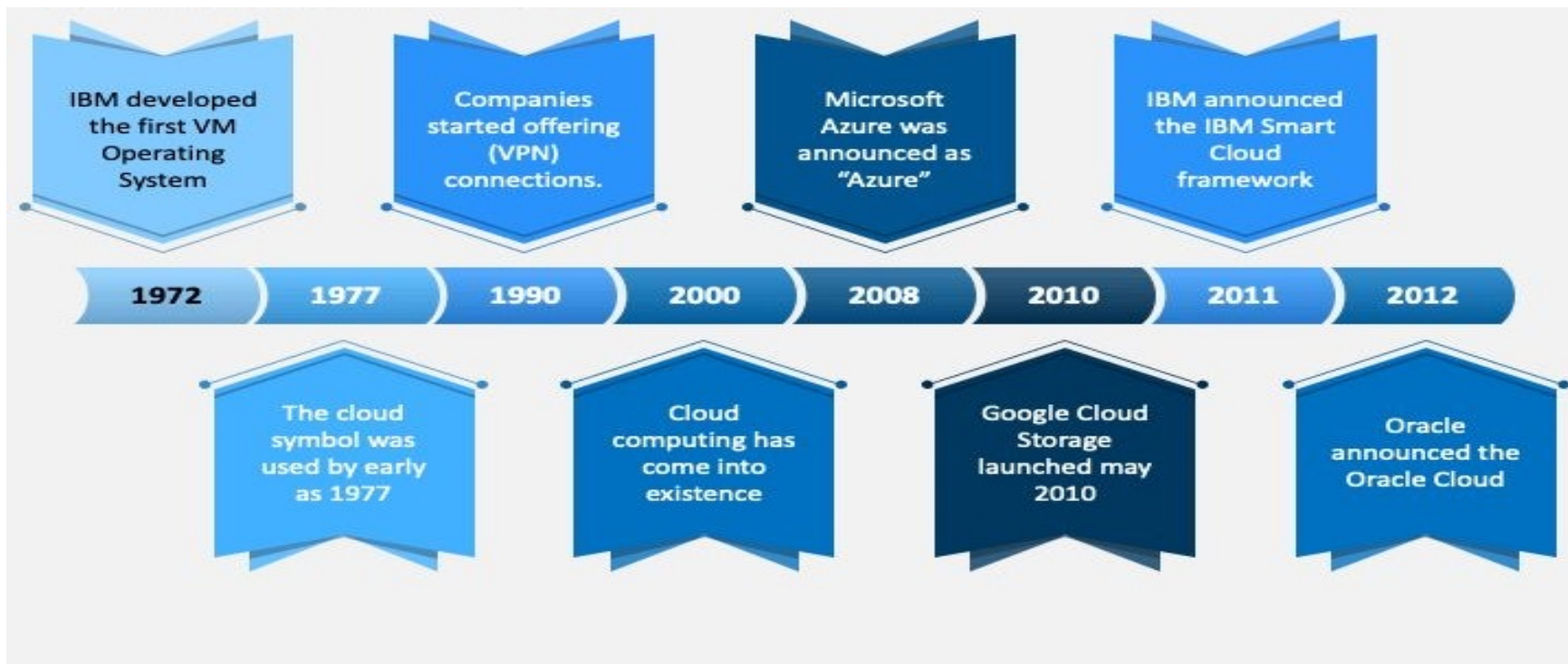


Modern Data Warehouse



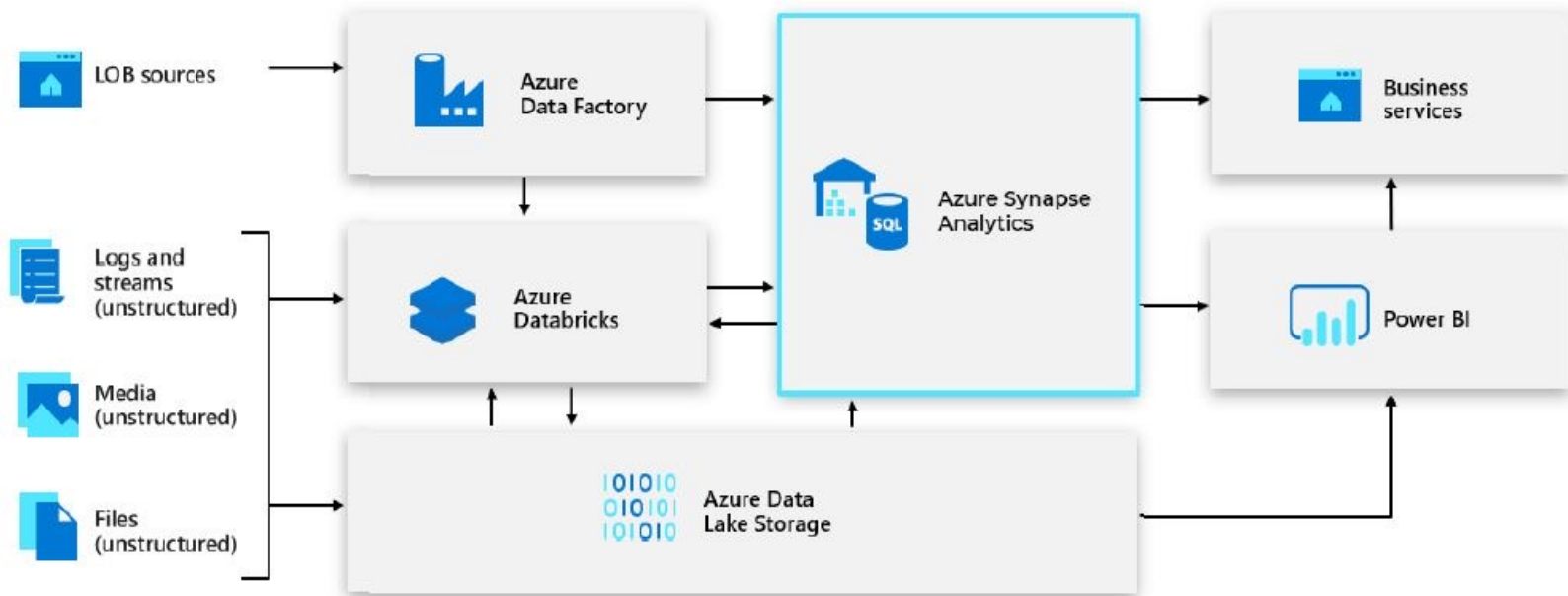


Cloud Evolution



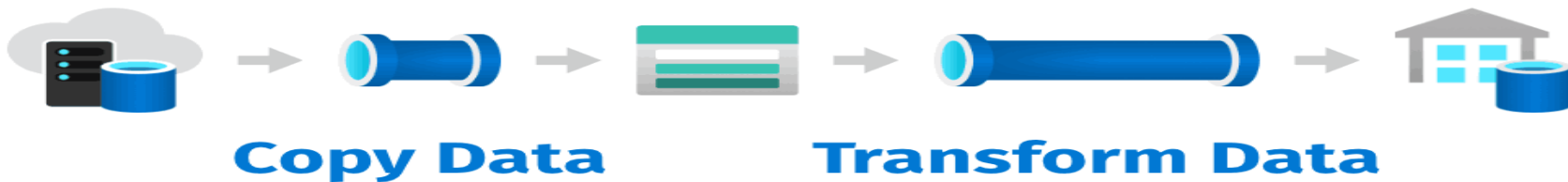


Azure Cloud Analytics Architecture





Azure Data Factory



Easy to use

- Rehost SQL Server Integration Services (SSIS) in a few clicks and build ETL and ELT pipelines code-free, with built-in Git and CI/CD support.

Cost Effective

- Enjoy a pay-as-you-go, fully managed serverless cloud service that scales on demand.

Powerful

- Ingest all your on-premises and software as a service (SaaS) data with more than 90 built-in connectors. Orchestrate and monitor at scale.

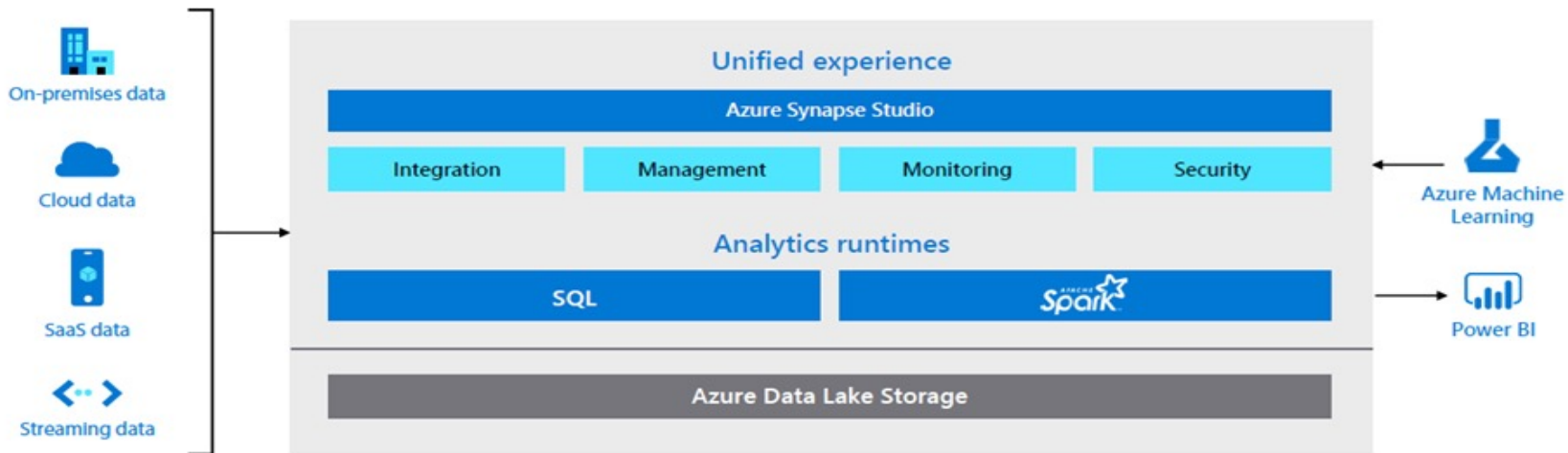
Intelligent

- Use autonomous ETL to unlock operational efficiencies and enable citizen integrators.



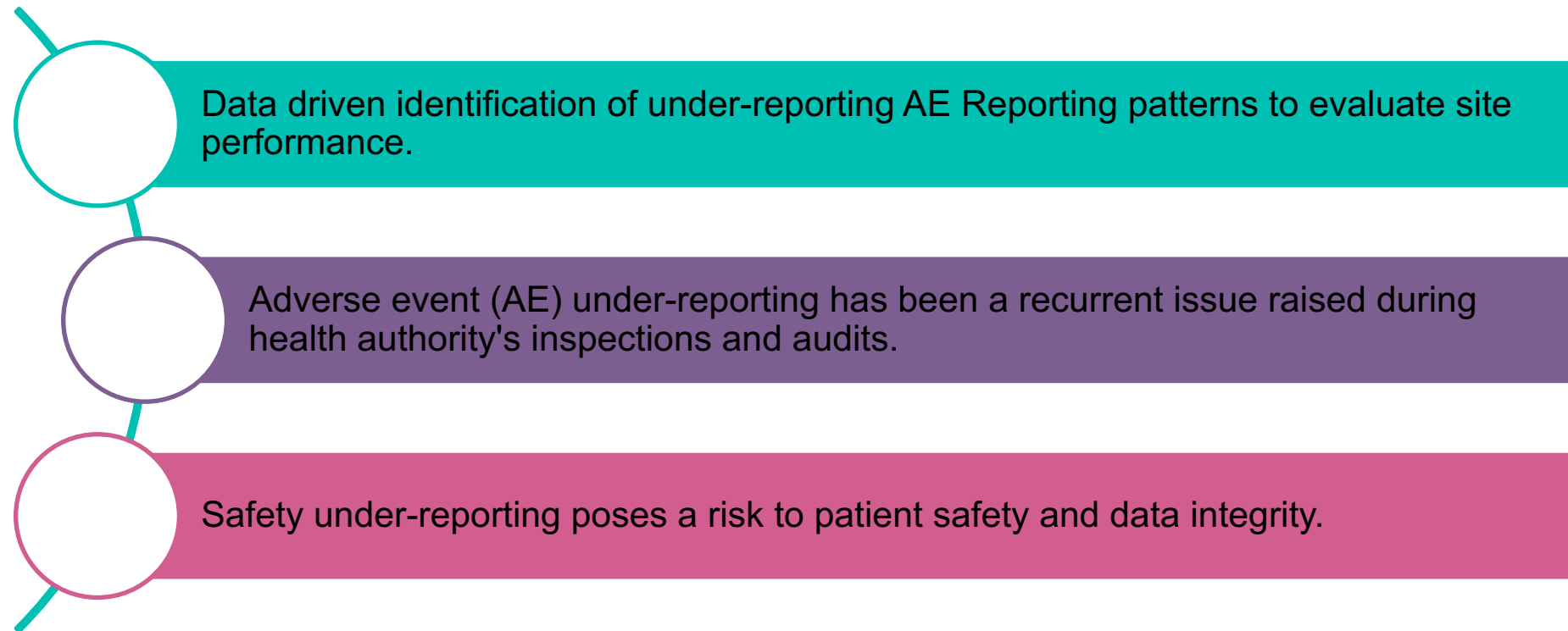
Azure Synapse Analytics

Azure Synapse Analytics is a limitless analytics service that brings together data integration, enterprise data warehousing and big data analytics





Adverse Events Reporting – Use Case

A vertical diagram on the left side of the slide, consisting of three white circles connected by a teal line. Each circle is positioned to the left of a horizontal bar of a different color (teal, purple, and pink respectively).

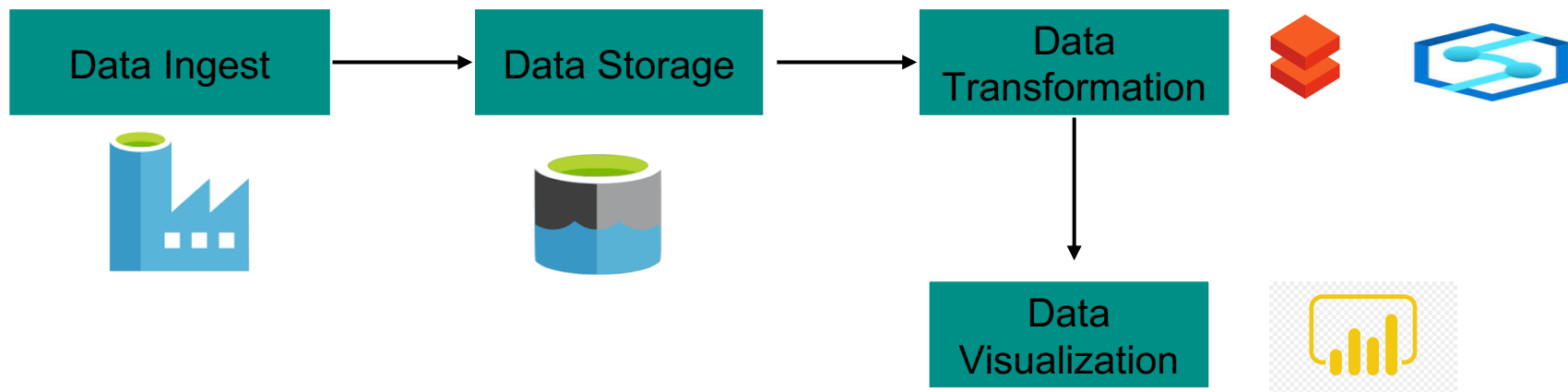
Data driven identification of under-reporting AE Reporting patterns to evaluate site performance.

Adverse event (AE) under-reporting has been a recurrent issue raised during health authority's inspections and audits.

Safety under-reporting poses a risk to patient safety and data integrity.

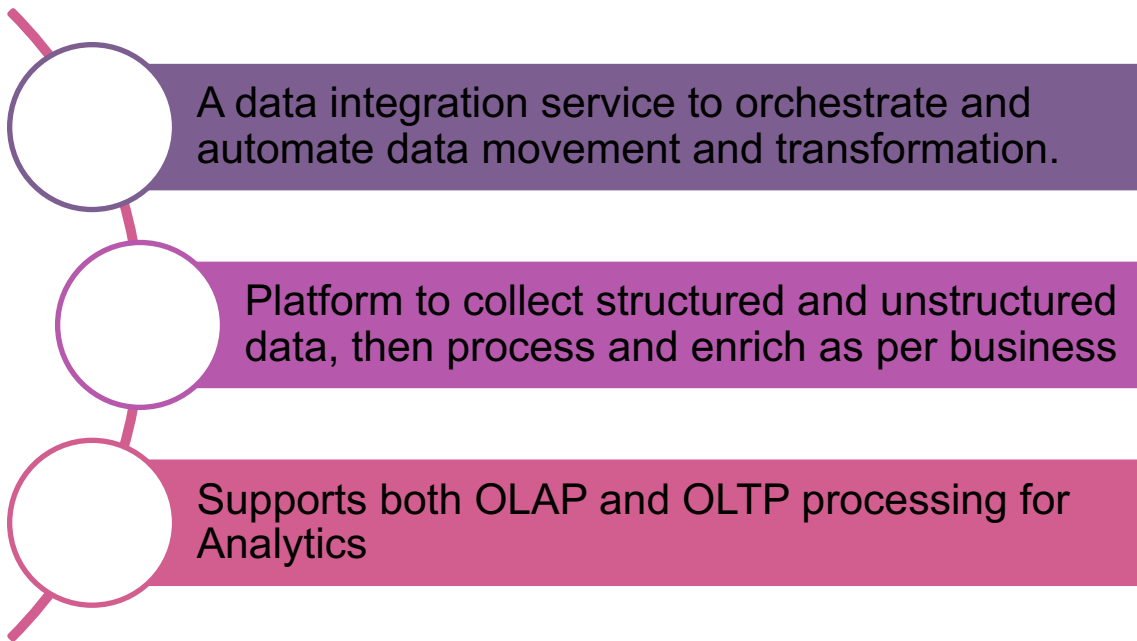


Workflow





Conclusions





**The Global Healthcare
Data Science Community**

Contact Channels

📞 UK +44 1843 609600
✉ office@phuse.global
🌐 phuse.global

Social Media

🐦 [@phusetwitta](https://twitter.com/phusetwitta)
📘 [/phusebook](https://www.facebook.com/phusebook)
▶ [/phusetube](https://www.youtube.com/channel/UCphusetube)
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