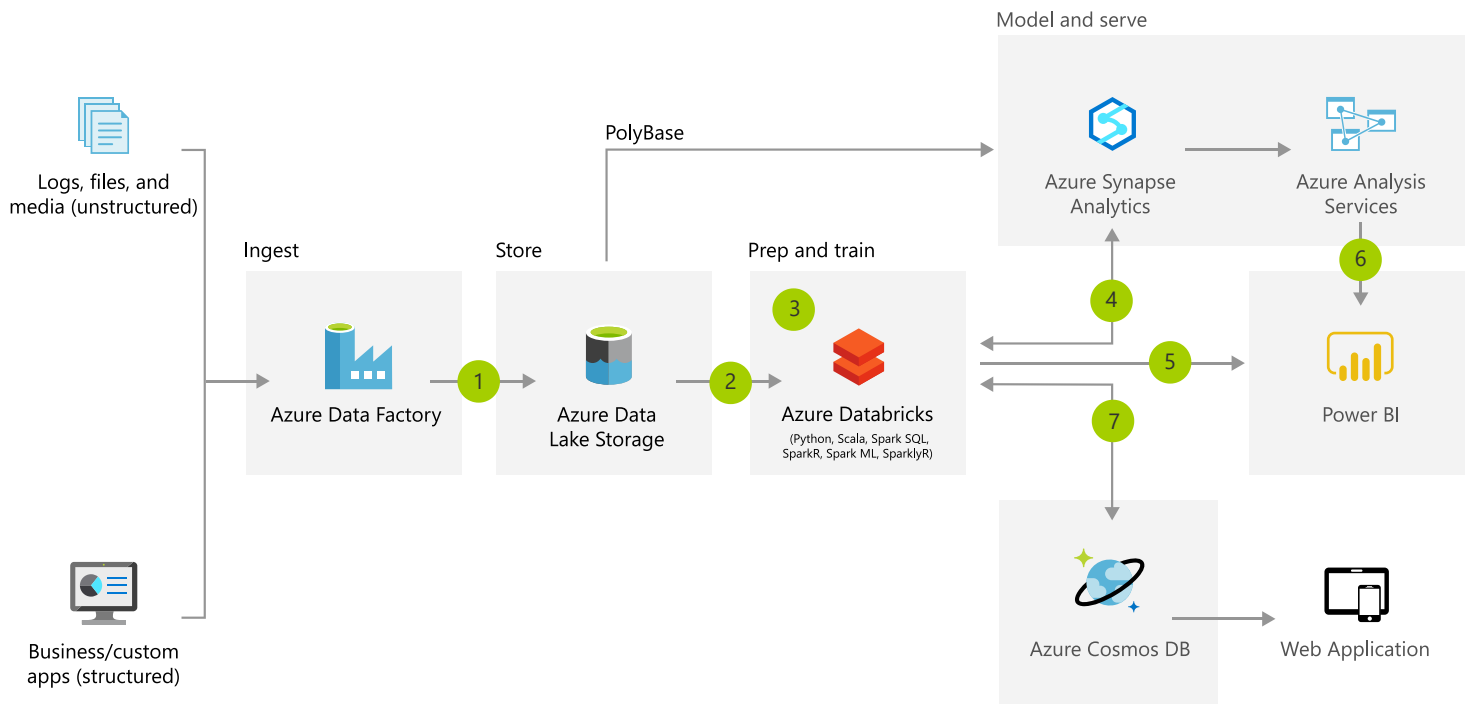


Advanced analytics on big data






Transform your data into actionable insights using the best-in-class machine learning tools. This architecture allows you to combine any data at any scale, and to build and deploy custom machine-learning models at scale.



Show flow information 

Customise and get pricing estimates >

Implementation guidance

	PRODUCTS/DESCRIPTION	DOCUMENTATION
 Azure Synapse Analytics (/en-gb/services/synapse-analytics/).	Azure Synapse Analytics is the fast, flexible and trusted cloud data warehouse that lets you scale, compute and store elastically and independently, with a massively parallel processing architecture.	Synapse Analytics Documentation (https://docs.microsoft.com/en-gb/azure/synapse-analytics/)
 Data Factory (/en-gb/services/data-factory/).	Azure Data Factory is a hybrid data integration service that allows you to create, schedule and orchestrate your ETL/ELT workflows.	Azure Data Factory V2 preview documentation (https://docs.microsoft.com/en-gb/azure/data-factory/v2-preview/)
 Azure Blob storage (/en-gb/services/storage/blobs/).	Azure Blob storage is a massively scalable object storage for any type of unstructured data (images, videos, audio, documents and more) easily and cost-effectively.	Introduction to object storage in Azure (https://docs.microsoft.com/en-gb/azure/storage/blobs-introduction)
 Azure Databricks (/en-gb/services/databricks/).	Azure Databricks is a fast, easy and collaborative Apache Spark-based analytics platform.	Azure Databricks documentation (https://docs.microsoft.com/en-gb/azure/databricks/)
 Azure Cosmos DB (/en-gb/services/cosmos-db/).	Azure Cosmos DB is a globally distributed, multi-model database service. Then, learn how to replicate your data across any number of Azure regions and scale your throughput independently from your storage.	Azure Cosmos DB Documentation (https://docs.microsoft.com/en-gb/azure/cosmos-db/)



[Azure Analysis Services \(/en-gb/services/analysis-services/\)](https://en-gb/services/analysis-services/)

Azure Analysis Services is an enterprise-grade analytics as a service that lets you govern, deploy, test and deliver your BI solution with confidence.

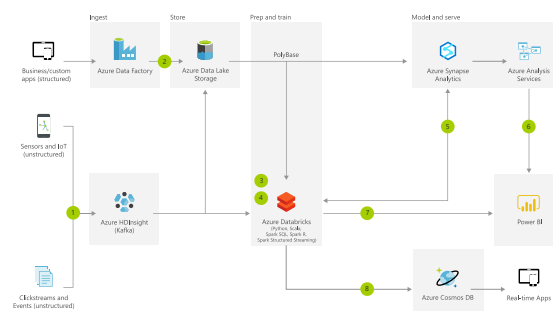
Analysis Services documentation (<https://en-gb/azure>)



Power BI is a suite of business analytics tools that deliver insights throughout your organisation. Connect to hundreds of data sources, simplify data prep and drive ad-hoc analysis. Produce beautiful reports, then publish them for your organisation to consume on the web and across mobile devices.

Power BI documentation (<https://en-gb/powerbi>)

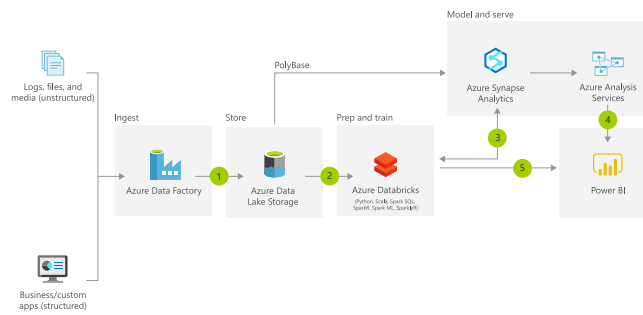
Related solution architectures



[\(/en-gb/solutions/architecture/real-time-analytics/\)](https://en-gb/solutions/architecture/real-time-analytics/)

Real-time analytics (/en-gb/solutions/architecture/real-time-analytics/)

Get insights from live, streaming data with ease. Capture data continuously from any IoT device or logs from website click-streams and process it in near-real time.



(/en-gb/solutions/architecture/modern-data-warehouse/)

Modern data warehouse (/en-gb/solutions/architecture/modern-data-warehouse/)

A modern data warehouse lets you bring together all your data at any scale easily, and means you can get insights through analytical dashboards, operational rep...

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