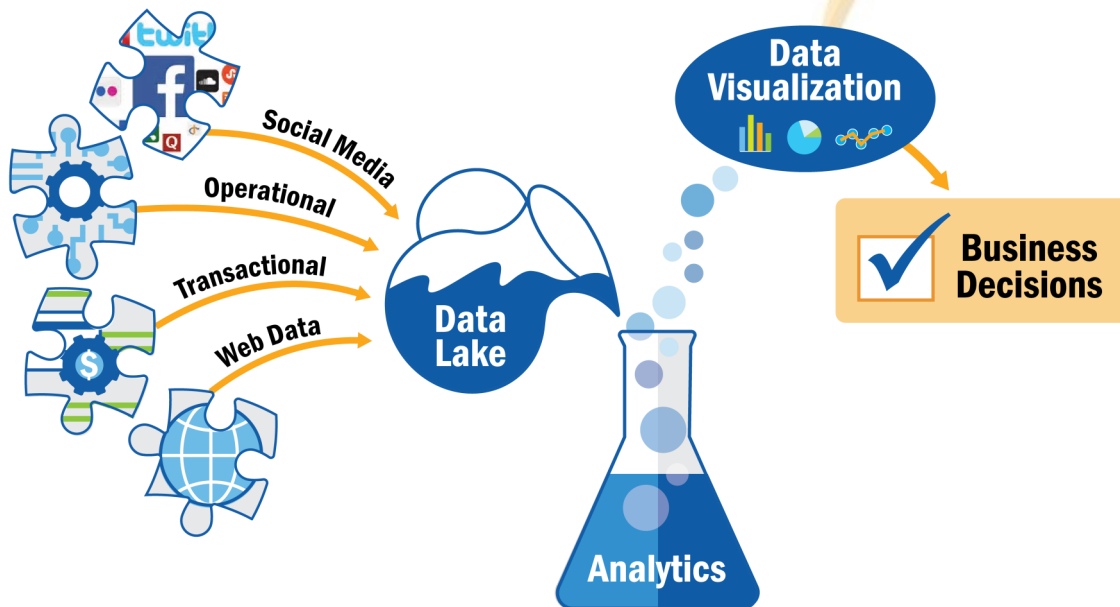


Cloud Big Data Platform.

Advanced analytics
at lower costs.

Learn about the components to
accelerate your business.



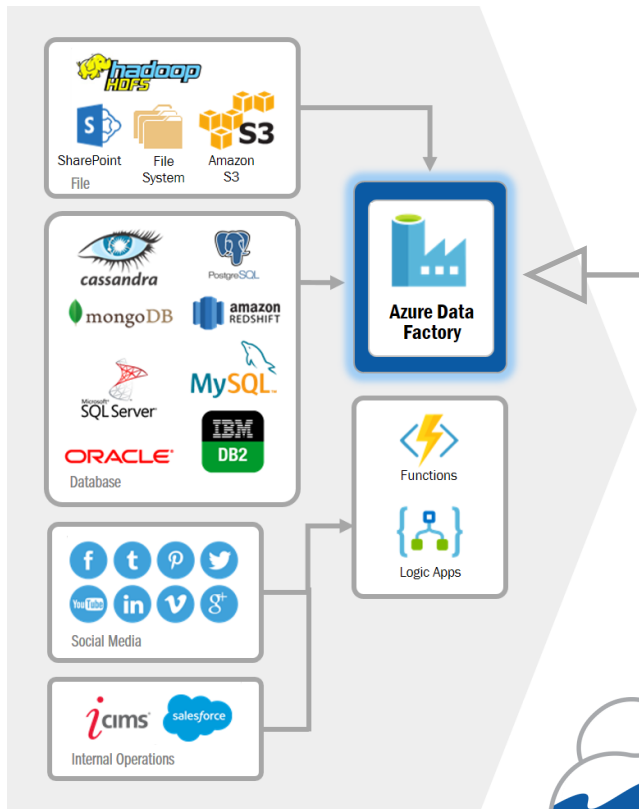
Why do you need a cloud-based Big Data architecture?

- Immediately scalable and no overhead expenses
- Better, more timely, and more effective business decisions

Our Big Data architecture leverages the many services in Azure to create a **flexible, efficient, cost effective** cloud-based Big Data solution for your most pressing business needs.



Disparate data sets. The one thing holding your company back.



Data acquisition from disparate data sets is quickly addressed with Microsoft Azure Data Factory. ILW experience, combined with Azure tools, manages the corporate stall of data collection and data combining to prepare businesses for data exploitation. ILW has successfully maneuvered confidential data such as HIPPA, PCI, and VISA PCI.

ILW uses Azure Data Factory to bring in multiple sources, databases, files, social media, and internal operation programs so the full story can be told.

Azure Data Factory is a cloud-based data integration service that allows for automating data movement and data transformation in the cloud.

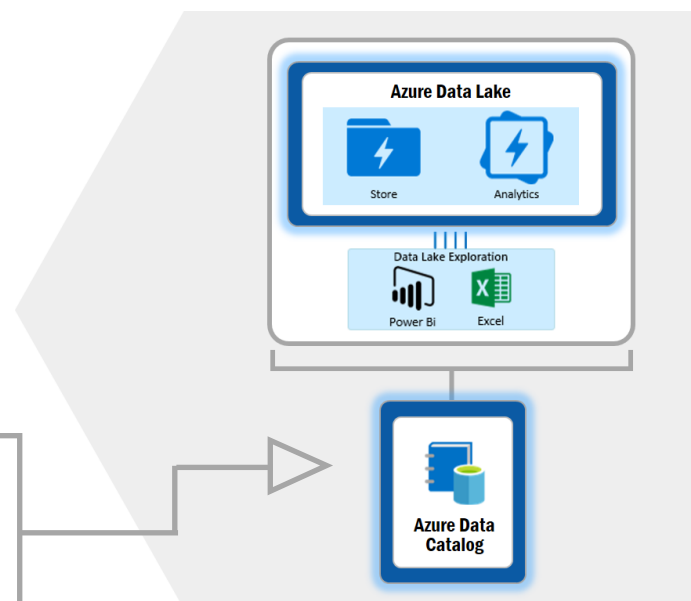


Azure data lake & data catalog. No Limits.

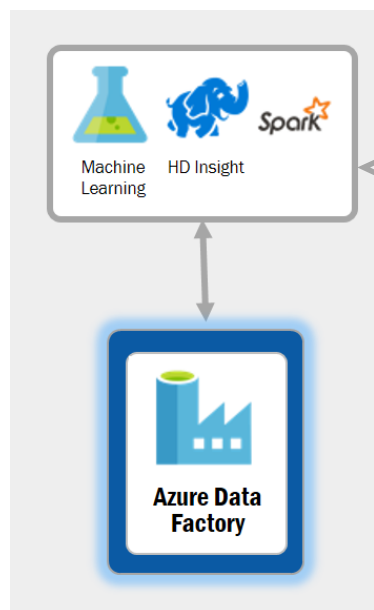
Azure Data Lake is the central location for your data sets. This service optimizes Big Data analytics workloads:

- **Unlimited storage**
- Encrypted system compatible with HDFS and works with the Hadoop ecosystem
- Big Data jobs processed in seconds using U-SQL, R, Python, and .NET
- Power BI and Microsoft Excel seamlessly align to the Azure Data Lake

Azure Data Catalog is an easy-to-use application that allows analysts, developers, data scientists, and business decision makers to find the data they need.

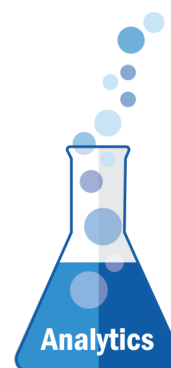


Azure data factory. Efficiently processing data depending on your analytics goals.



Azure Data Factory utilizes a variety of tools to efficiently process data depending on your goals. Tools include:

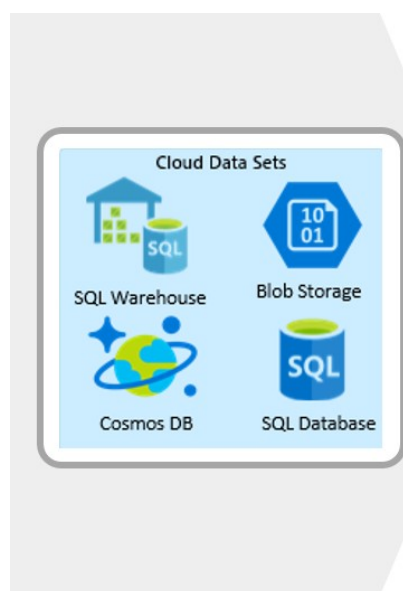
- Spark
- Hive
- .NET
- MapReduce
- Azure Machine Learning
- Data Lake Analytics U-SQL



*Azure Data Factory is able to use HDInsight cluster on demand to process large amounts of data using native **Hadoop** tools including **Spark**. Once processing is finished, the cluster is shut down, equating to **large cost savings**.*

Azure Data Factory allows your team to use data how they need—whether they are data scientists, developers, analysts, or other. Give your team the flexibility and resources they need to explore the data the way they want.

Cloud data storage. Optimal flexibility.



Azure offers multiple storage options to meet your needs.

Cost-effective options provide:

- High-performance, reliable, and secure
- Maintain data globally
- Large implementations of complex data structure
- Storage for unstructured or unknown datatypes
- Highly elastic storage enabling **set up in minutes and scale capacity in seconds**

***Blob Storage** provides **massively scalable** object storage for unstructured data, offering three tiers of storage—hot, cold, and archival.*



Data visualization. Seeing is believing.

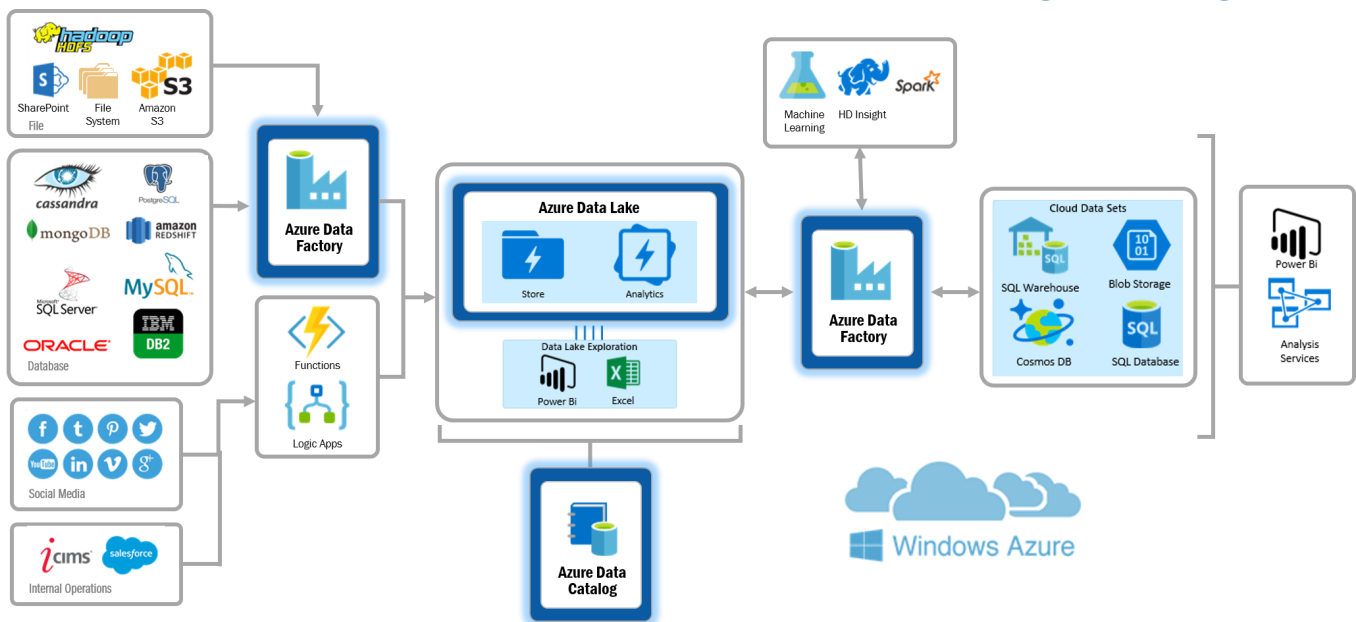


Transform complex data into a visual version of the truth.

- Visualize **relationships** and **patterns** between operational and business activities
- Find information you need when you need it
- **Identify emerging trends** quicker
- Promptly understand what is happening and why



Real business decisions. Putting it all together.



The Azure Platform can be utilized separately or as a whole to **optimize the path towards enabling real-time business decision-making capabilities**. ILW can evaluate and determine what is the most useful and cost effective for your particular business needs and questions.

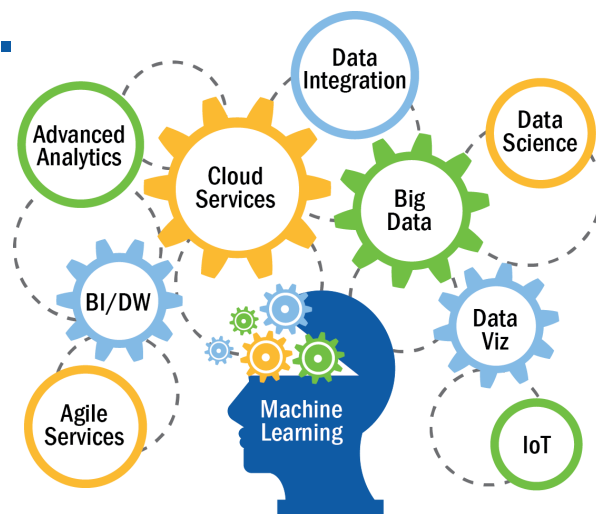


Pressing business questions.

The answers you need.

Find answers to your most critical questions:

- How much can we save operationally?
- When will our equipment need fixed or replaced?
- What is the public's perception of our product?
- Is the success of my sales related to the recent campaign?
- What will happen in the near future?
- What is the best course of action?



Leveraging Azure capabilities gives you the freedom for a successful Big Data project that can answer your questions and potentially discover more truths about your business.



Engage Illumination Works for a one-week Big Data evaluation. Within your one-week evaluation we will:



- 1** Refine your business questions
- 2** Assess your target data source
- 3** Define a high-level solution
- 4** Determine next steps

For more information on Illumination Works visit www.illuminationworksllc.com

Contact us at www.illuminationworksllc.com/contact/

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