



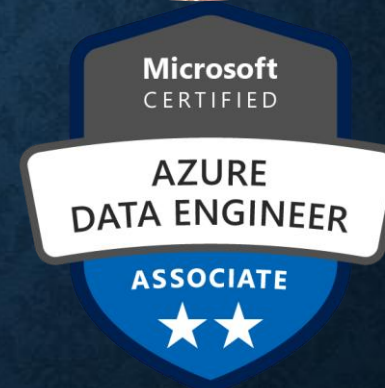
# AZURE DATA FACTORY FOR BEGINNERS

Does it make Data?



# ***ABOUT ME***

- **Leslie Andrews**
  - 20+ years IT experience
  - Speaker
  - Idera ACE 2019
- **3 Cloud**  
**November 2019**



DataGrillen 2022



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# ***AZURE DATA FACTORY FOR BEGINNERS***



Understand what it is  
and what it is used for



Setting it up



Demos



# ***WHAT IS AZURE DATA FACTORY ?***

It is a **cloud**-based ETL and **data** integration service that allows you to create **data**-driven workflows for orchestrating **data** movement and transforming **data** at scale.





# WHAT DOES IT DO?

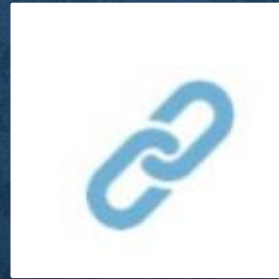
- Data Movement
- Data Transformation
- Control Activities



# ***HOW DOES IT DO IT?***



Pipelines &  
Activities



Linked Services

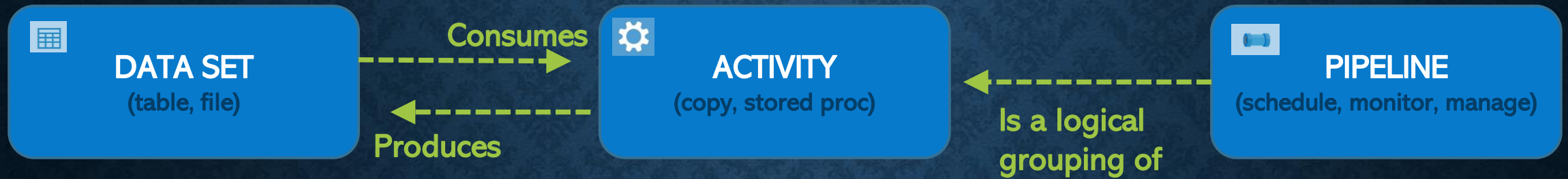


Data Sets





# CONNECTING THE PIECES



# ***AZURE DATA FACTORY***

The Integration Runtime (IR) is the compute infrastructure used by Azure Data Factory and Azure Synapse pipelines to provide the following data integration capabilities across different network environments:

- **Data Flow:** Execute a [Data Flow](#) in a managed Azure compute environment.
- **Data movement:** Copy data across data stores in a public or private networks (for both on-premises or virtual private networks). The service provides support for built-in connectors, format conversion, column mapping, and performant and scalable data transfer.
- **Activity dispatch:** Dispatch and monitor transformation activities running on a variety of compute services such as Azure Databricks, Azure HDInsight, ML Studio (classic), Azure SQL Database, SQL Server, and more.
- **SSIS package execution:** Natively execute SQL Server Integration Services (SSIS) packages in a managed Azure compute environment.





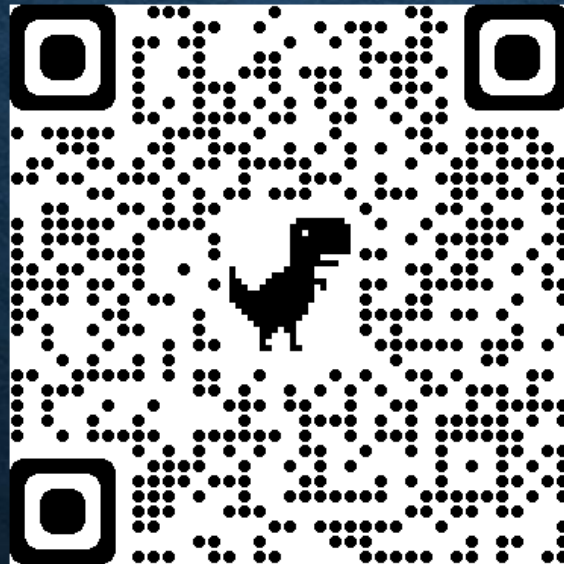
# ***AZURE DATA FACTORY***

***Demo Time***



# ***EVALUATIONS***

<https://evals.datagrillen.com/>





# ***THANK YOU***

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