

# Using Integration Services with Azure

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# Overview



**Feature Pack for Azure**

**Big Data Processing with Azure Tasks**

**Azure Data Flow Processing**



# Integration Services Feature Pack for Azure

## Provides access to Azure resources

- Connection Managers
- Tasks
- Data Flow Components
- Blob Enumerator

*<http://go.microsoft.com/fwlink/?LinkID=626967>*



# Azure Connection Managers

Azure Storage

Azure Subscription

Azure Resource  
Manager

Azure HDInsight

Azure Data Lake



# Azure Tasks

**Blob Upload**

**Blob Download**

**HDInsight Hive**

**HDInsight Pig**

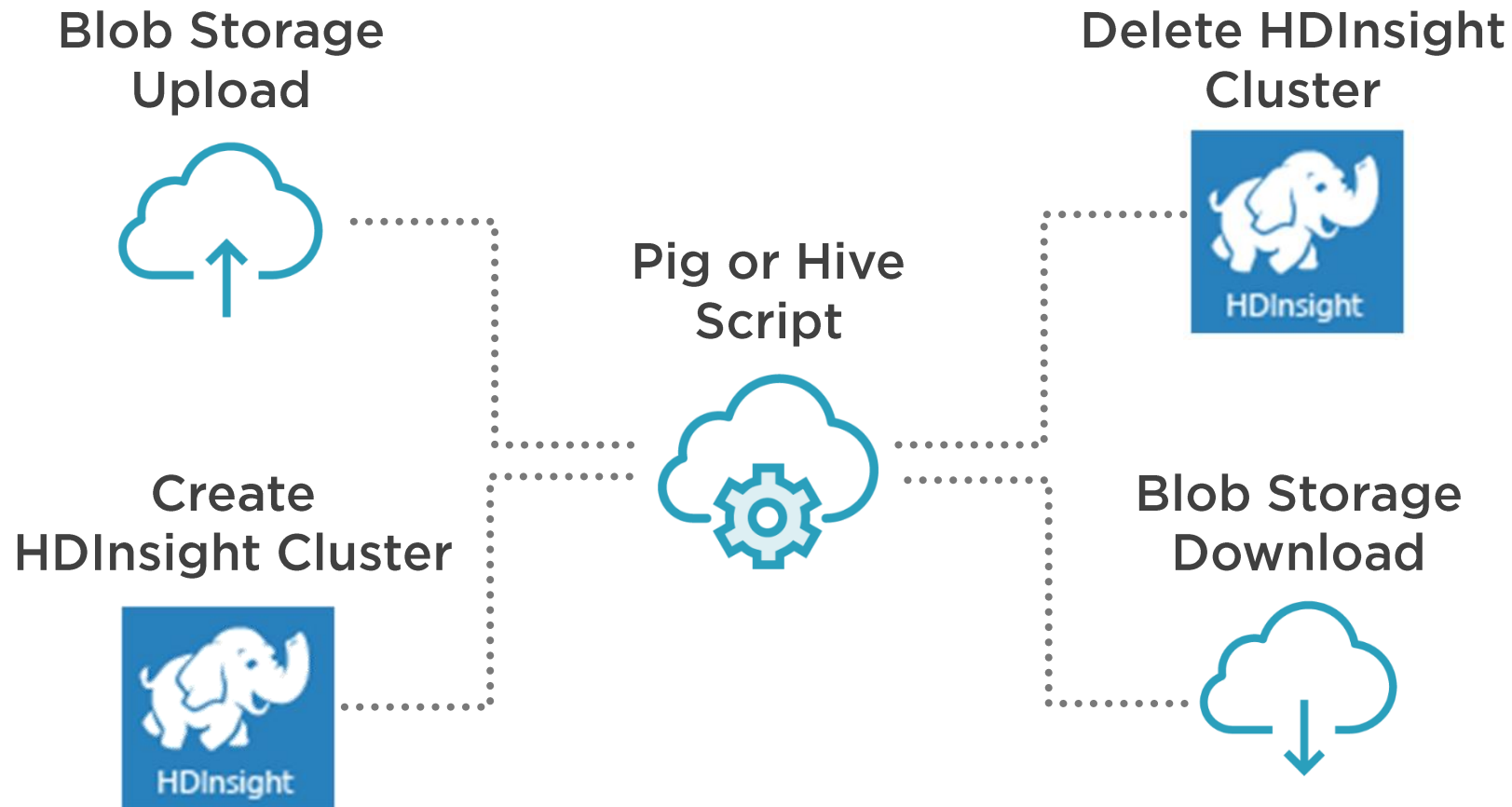
**SQL DW Upload**

**HDInsight Create  
Cluster**

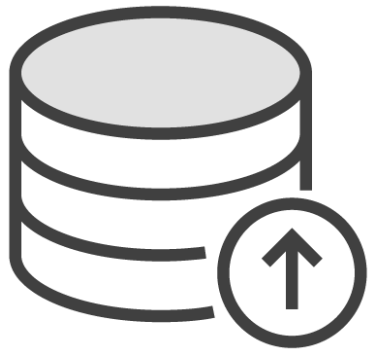
**HDInsight Delete  
Cluster**



# Big Data Processing in Azure



# SQL DW Upload Task

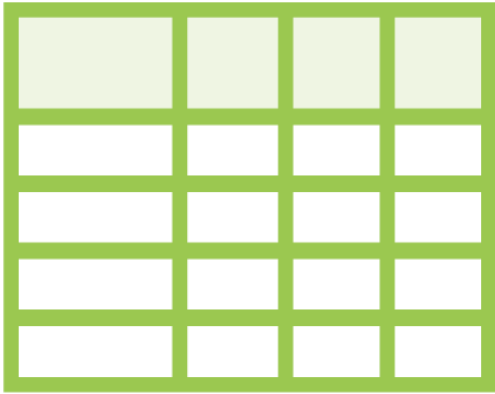


**Delimited text as source**

**Blob storage used as intermediate step**

**Optionally retain files in blob storage**

# Azure Data Flow Processing



## **Blob Source/Destination**

CSV and AVRO formats



## **Azure Data Lake Source/Destination**

Text and AVRO formats  
Plus ORC format for source only





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