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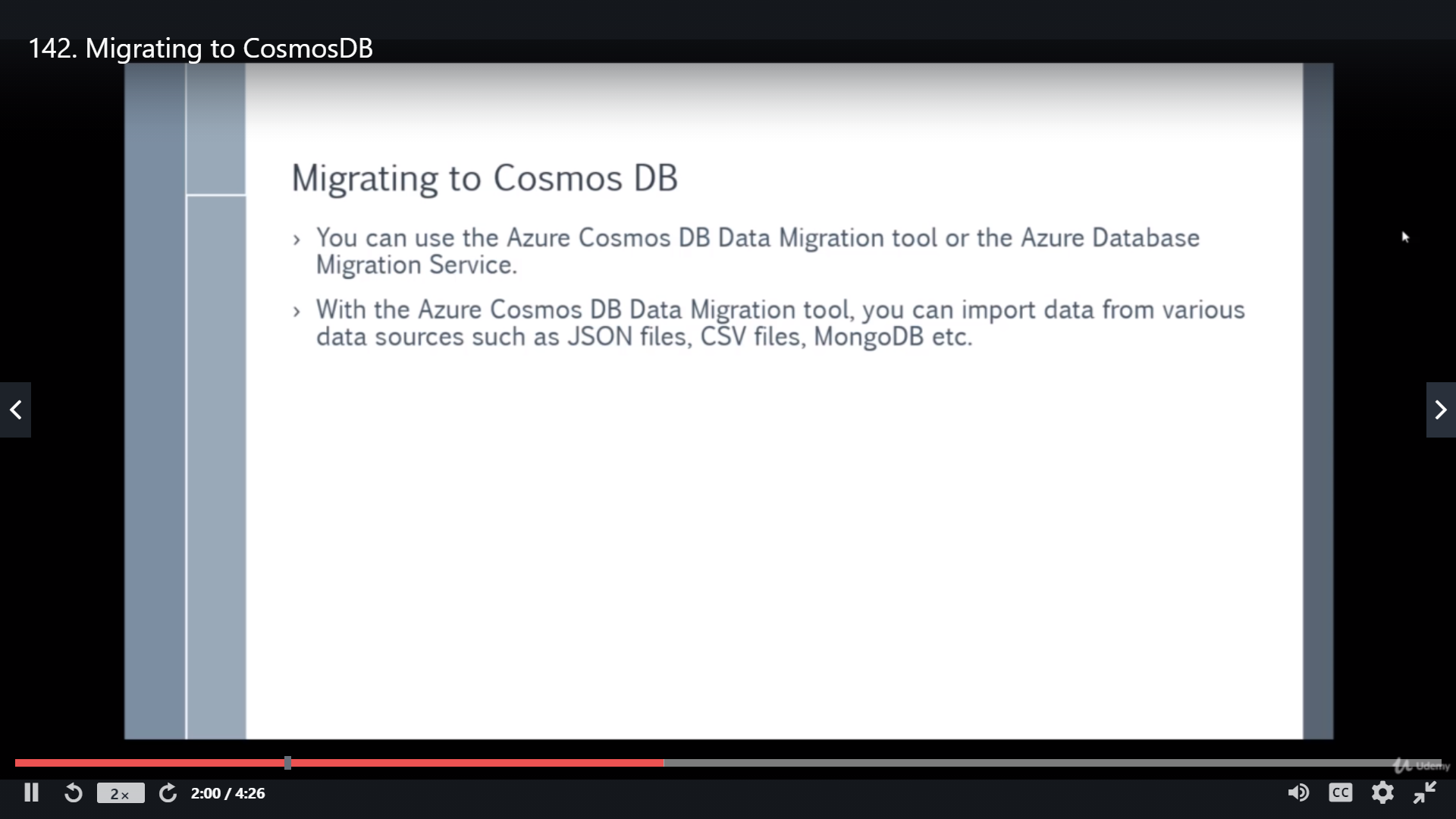
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# Design a solution for databases

* select an appropriate data platform based on requirements
* recommend database service tier sizing
* recommend a solution for database scalability
* recommend a solution for encrypting data at rest, data in transmission, and data in use

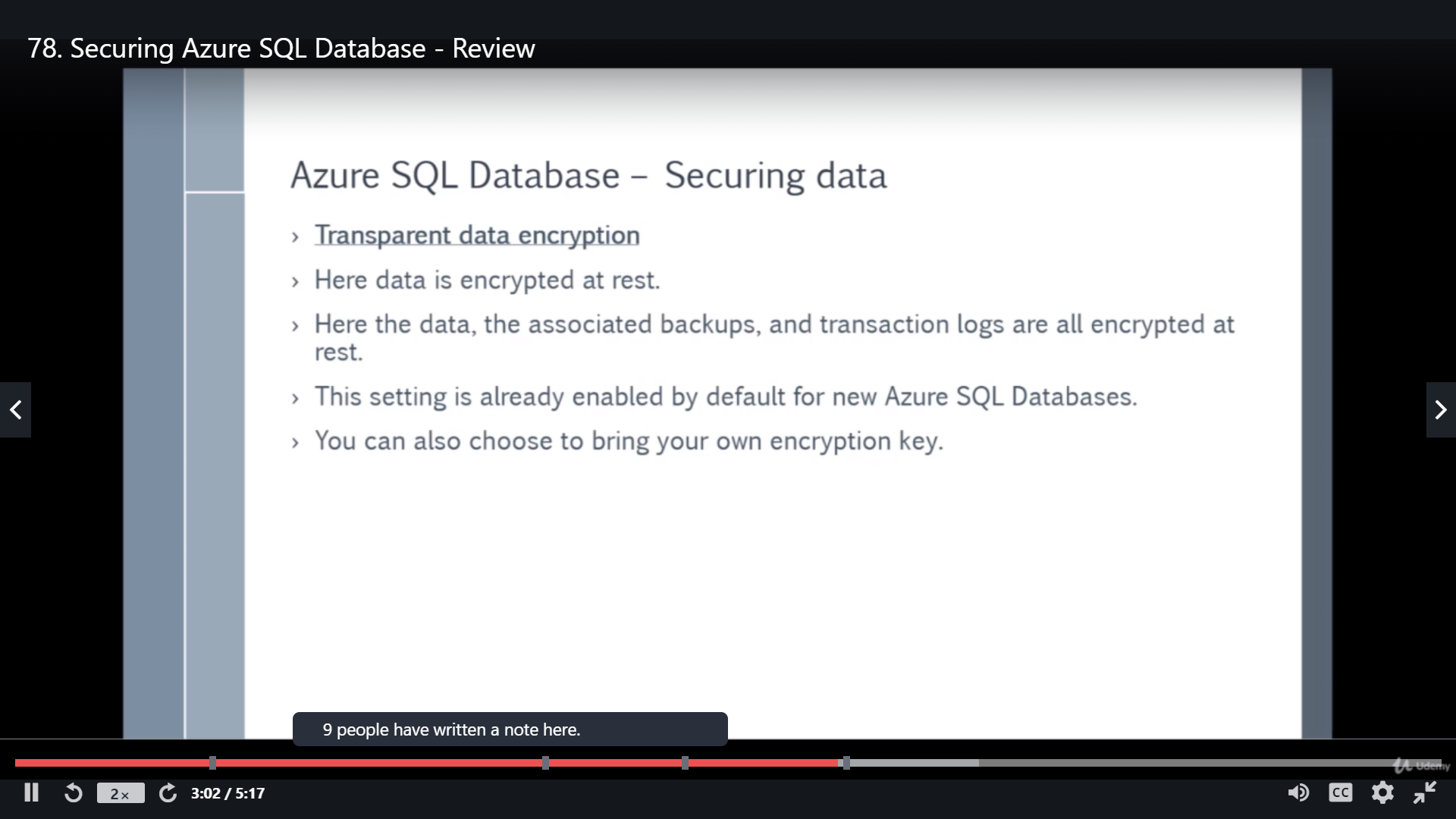
## Cosmos DB Migration

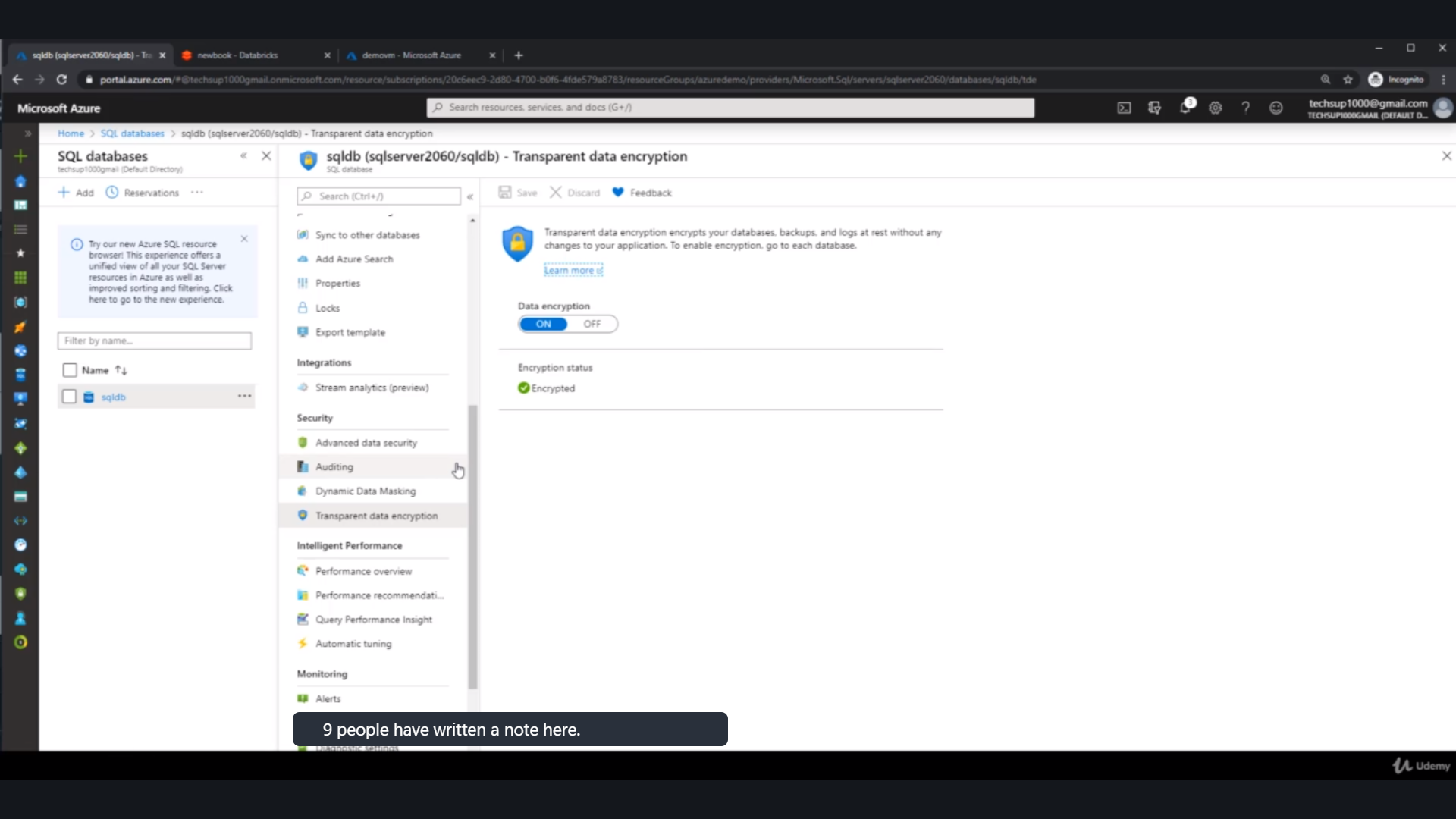


## Always Encrypted

## Dynamic Data Masking

## Transparent Data Encryption

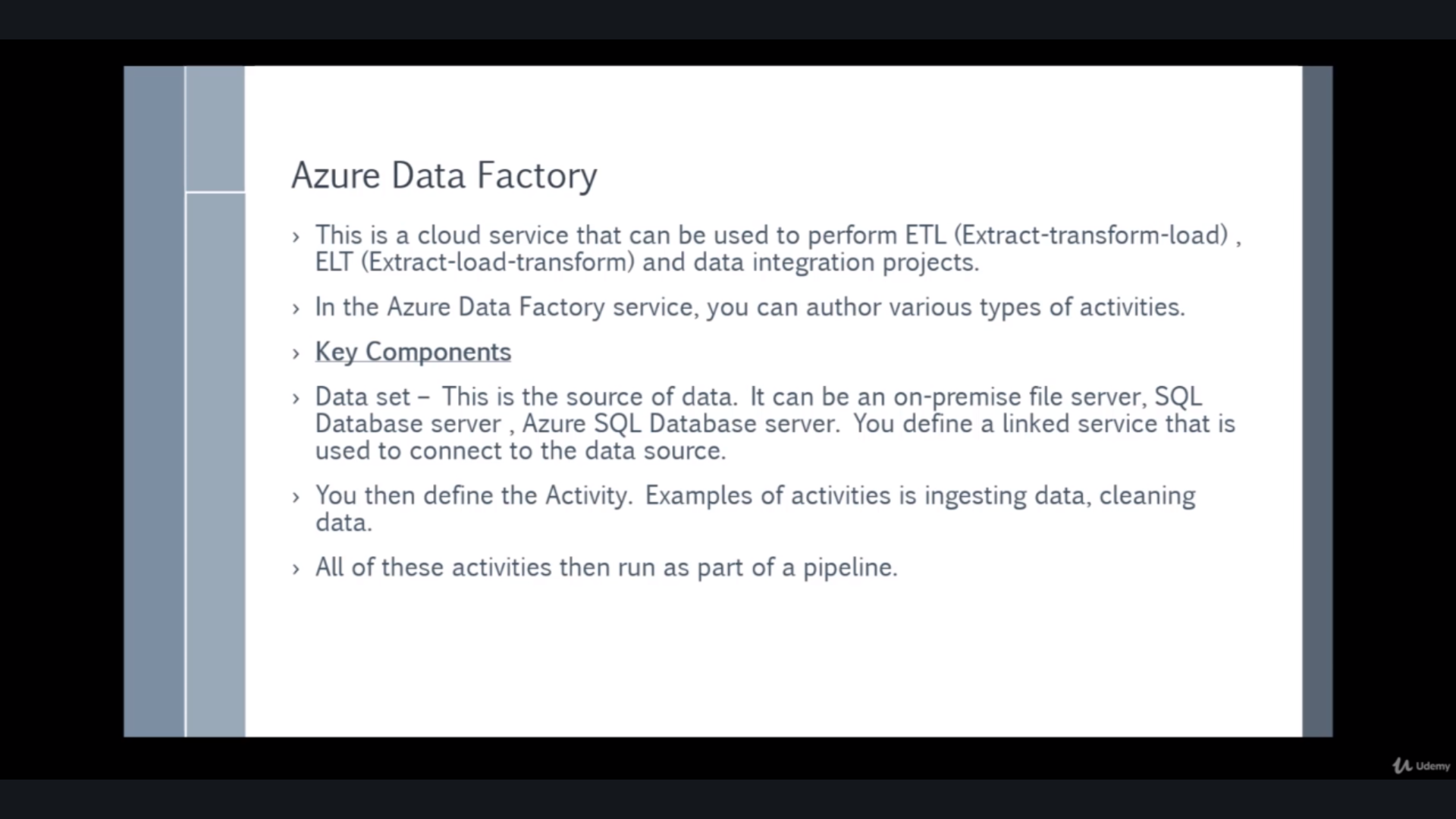




# Design data integration

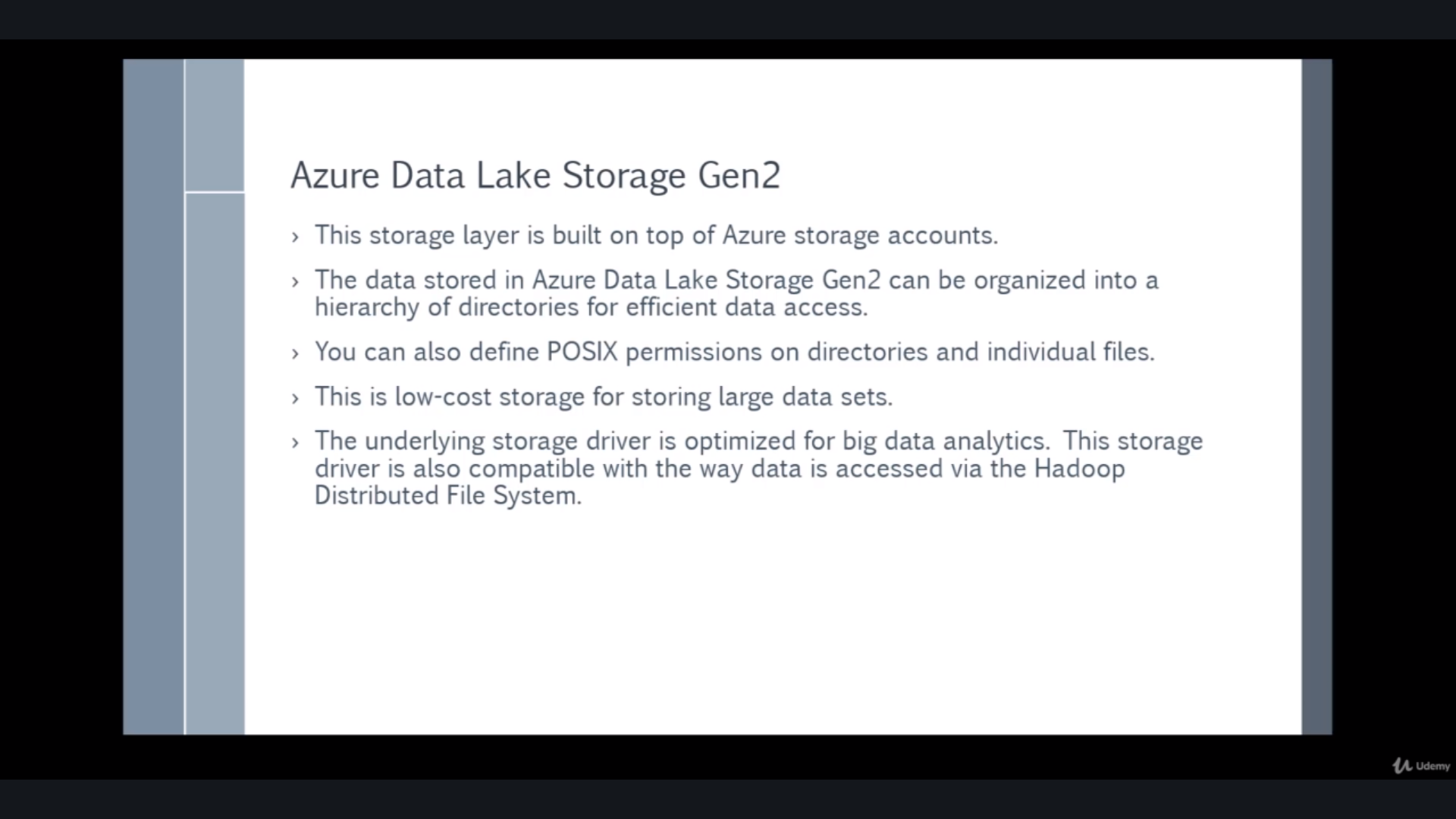
* recommend a data flow to meet business requirements
* recommend a solution for data integration, including Azure Data Factory, Azure Data Bricks, Azure Data Lake, Azure Synapse Analytics

## Azure Data Factory

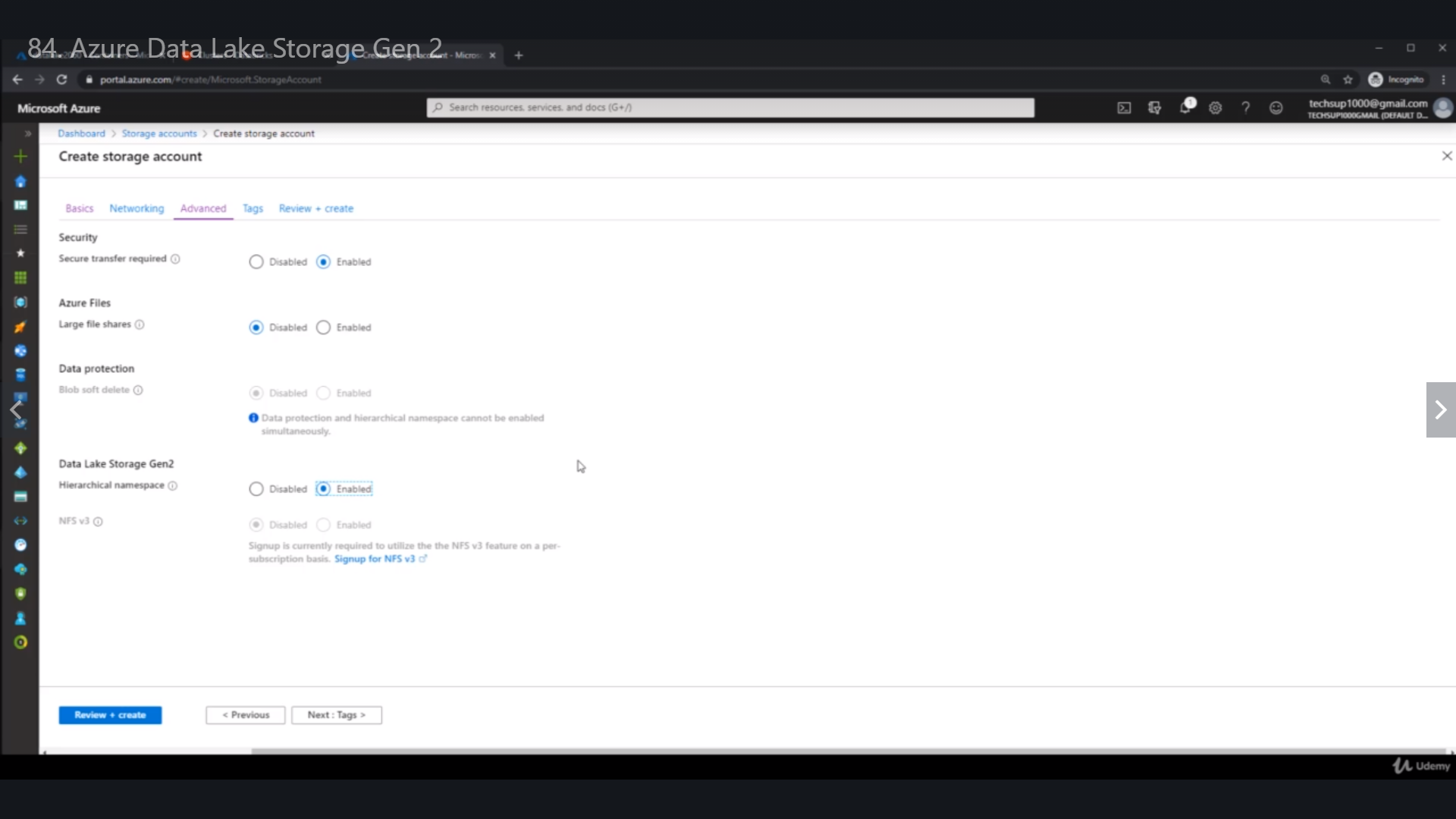


## Azure Data Bricks

## Azure Data Lake



While creating a storage account enable Azure Data lake storage



## Azure Synapse Analytics

# Select an appropriate storage account

* choose between storage tiers
* recommend a storage access solution
* recommend storage management tools