Contents

[Design a solution for databases 2](#_Toc53187985)

[Always Encrypted 2](#_Toc53187986)

[Dynamic Data Masking 3](#_Toc53187987)

[Transparent Data Encryption 4](#_Toc53187988)

[Design data integration 5](#_Toc53187989)

[Azure Data Factory 5](#_Toc53187990)

[Azure Data Bricks 5](#_Toc53187991)

[Azure Data Lake 5](#_Toc53187992)

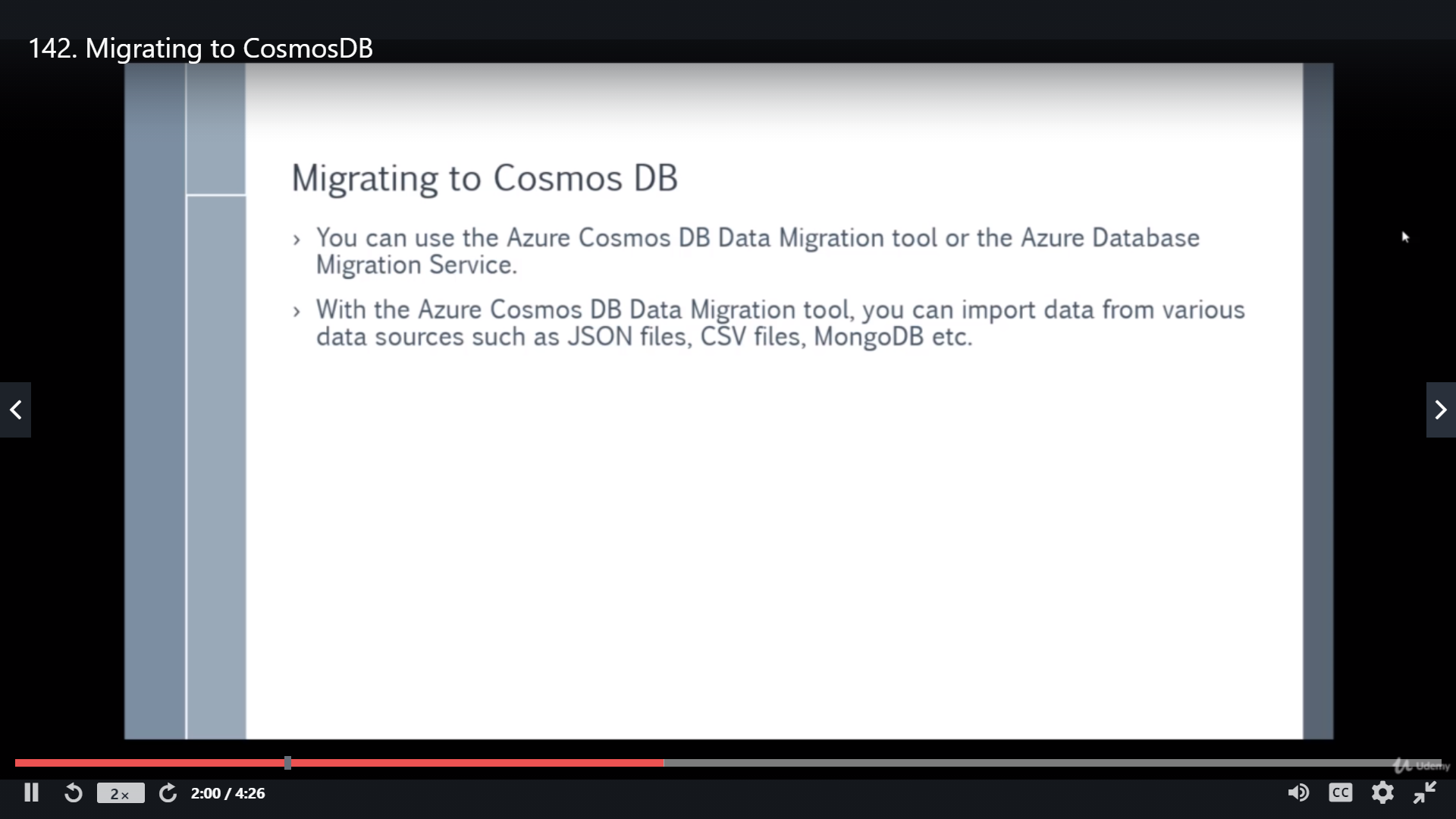
[Azure Synapse Analytics 6](#_Toc53187993)

[Select an appropriate storage account 6](#_Toc53187994)

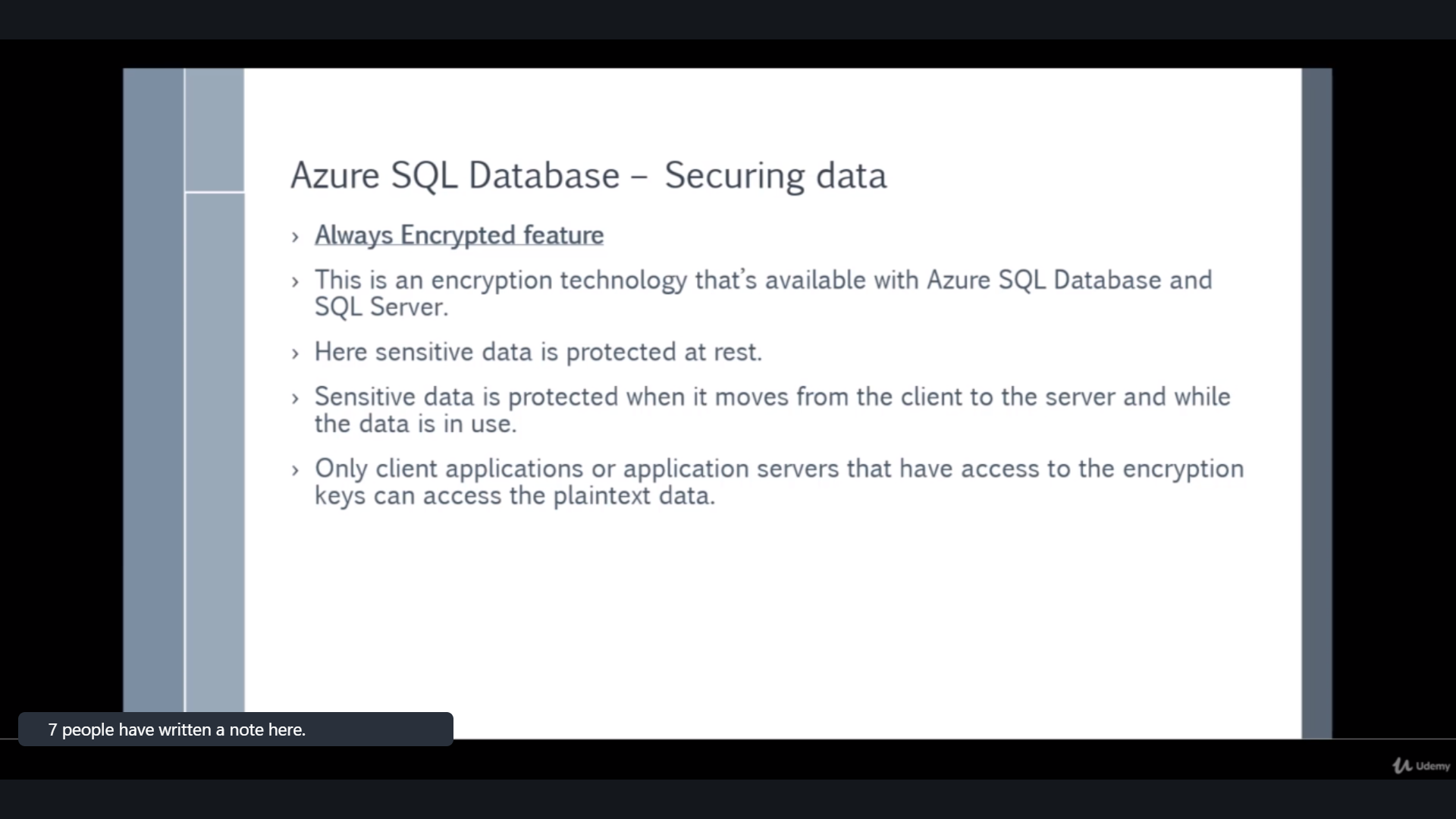
# Design a solution for databases

* 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

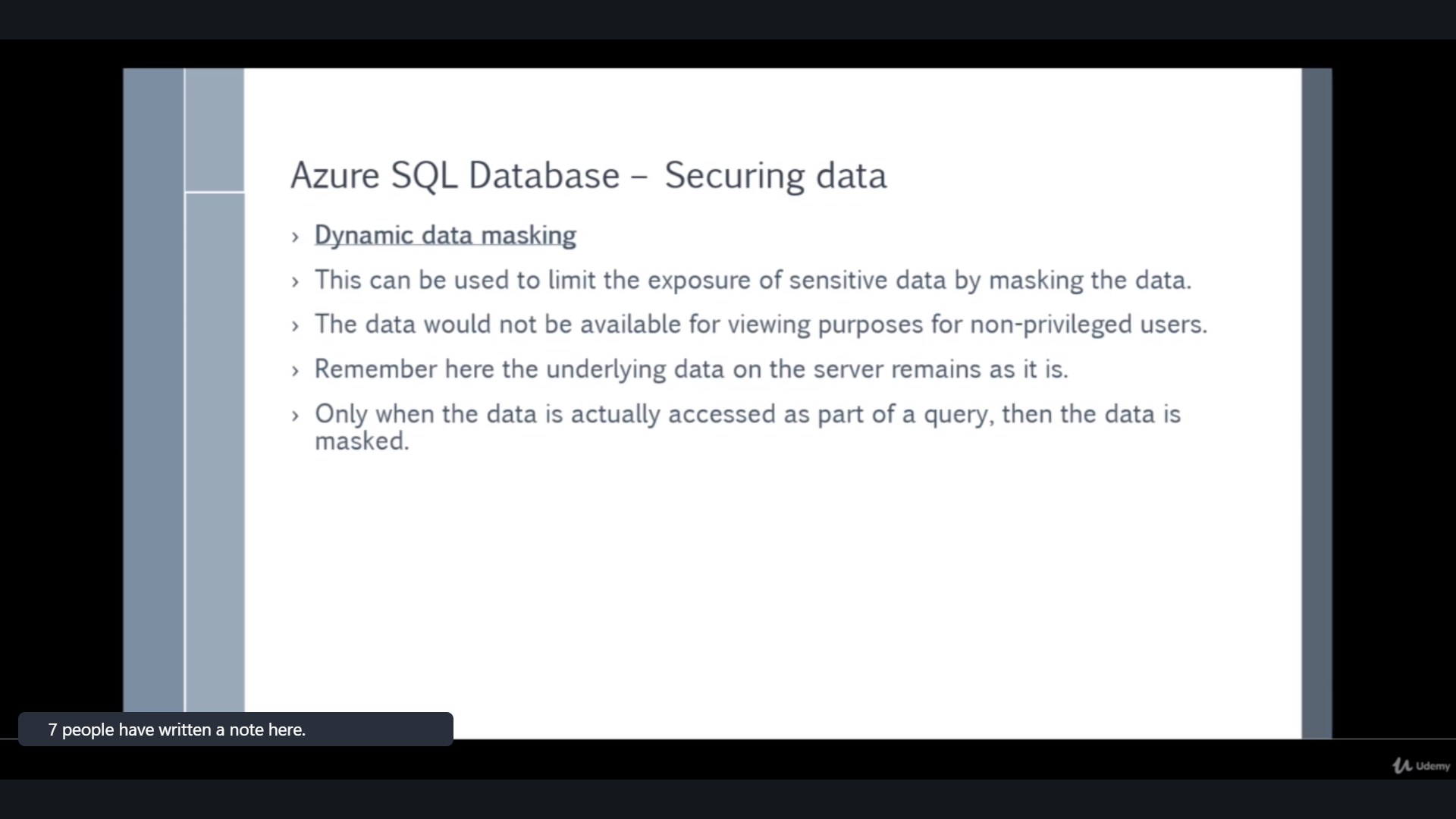


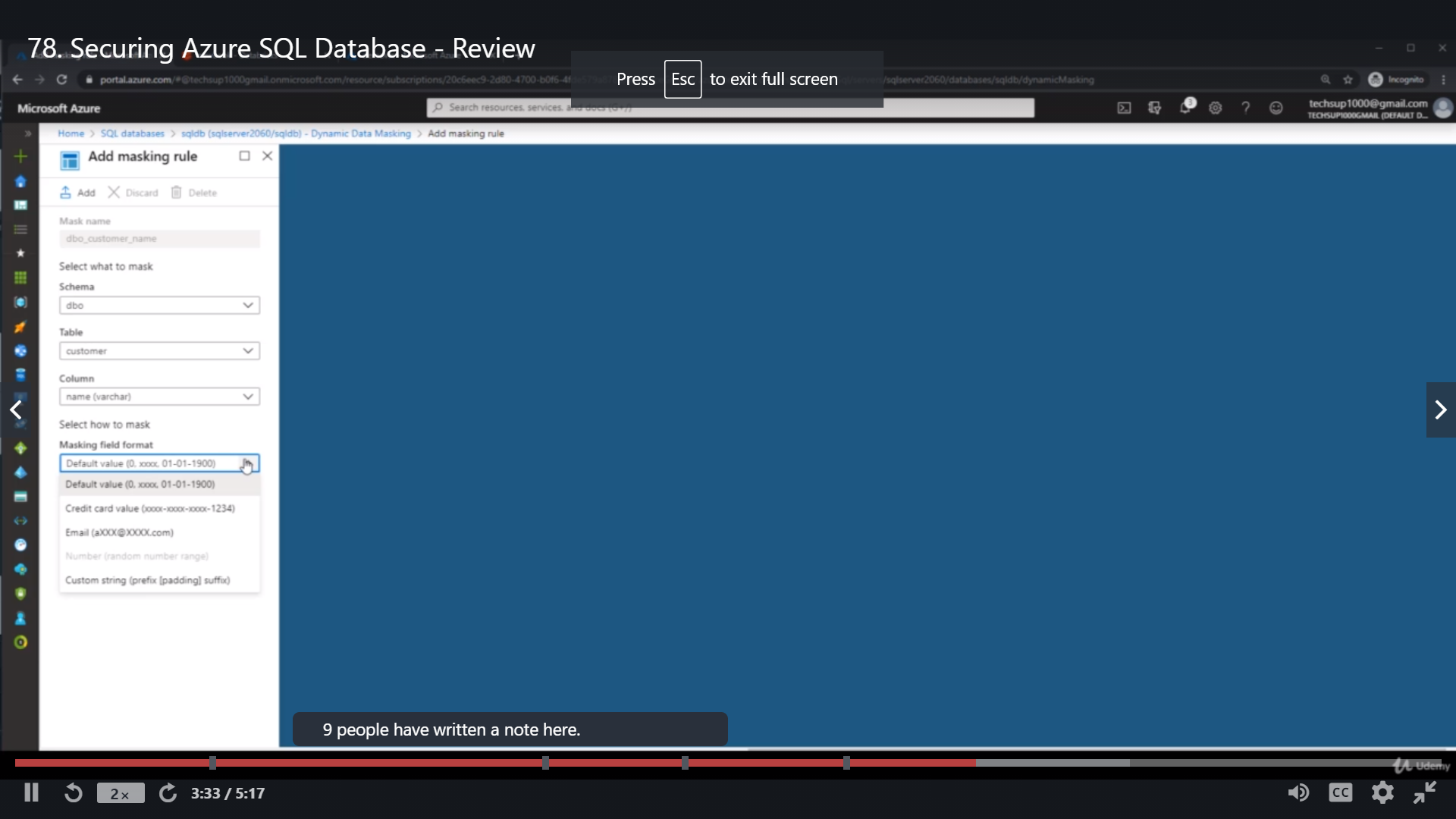
## Always Encrypted





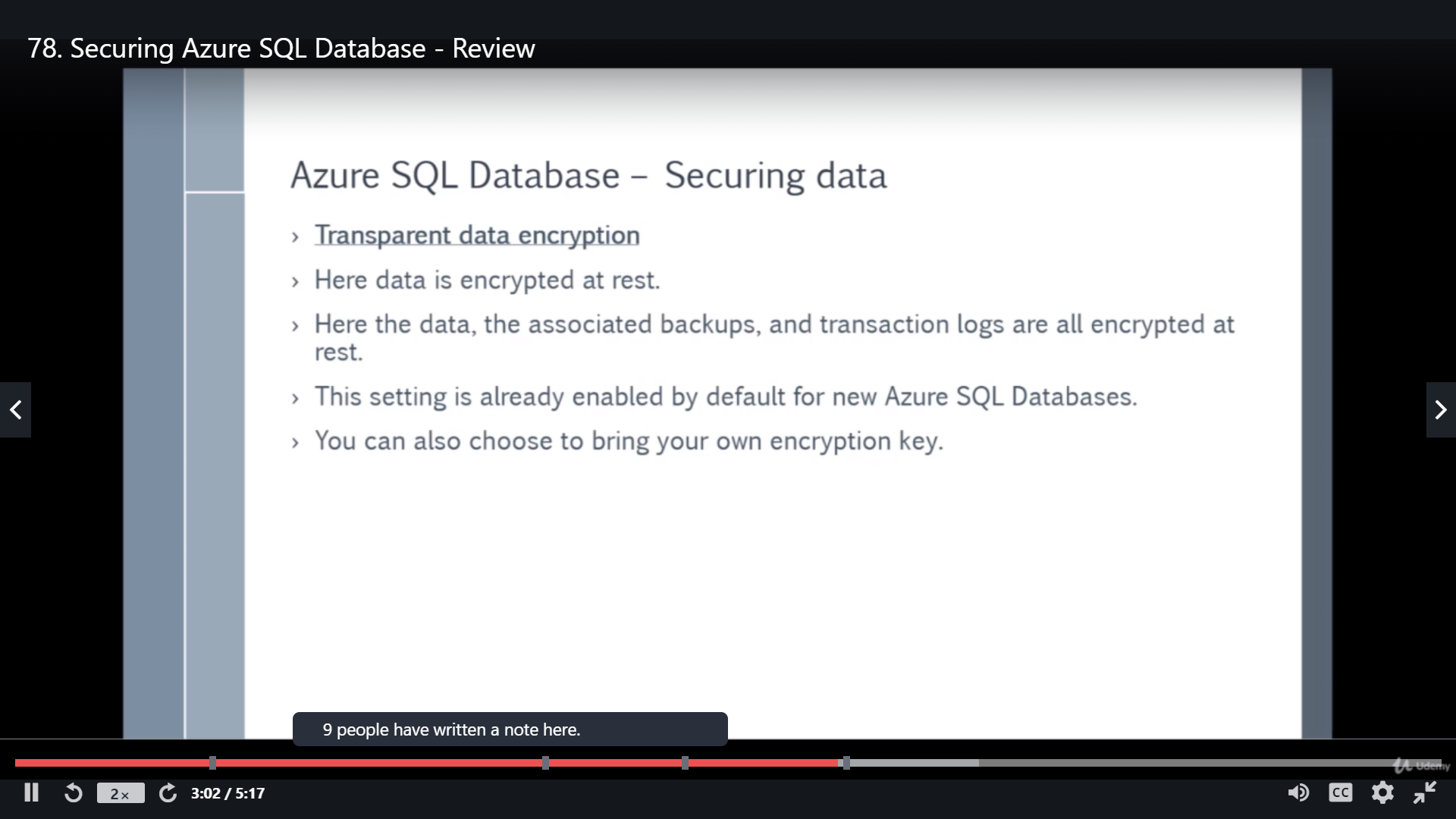
## Dynamic Data Masking

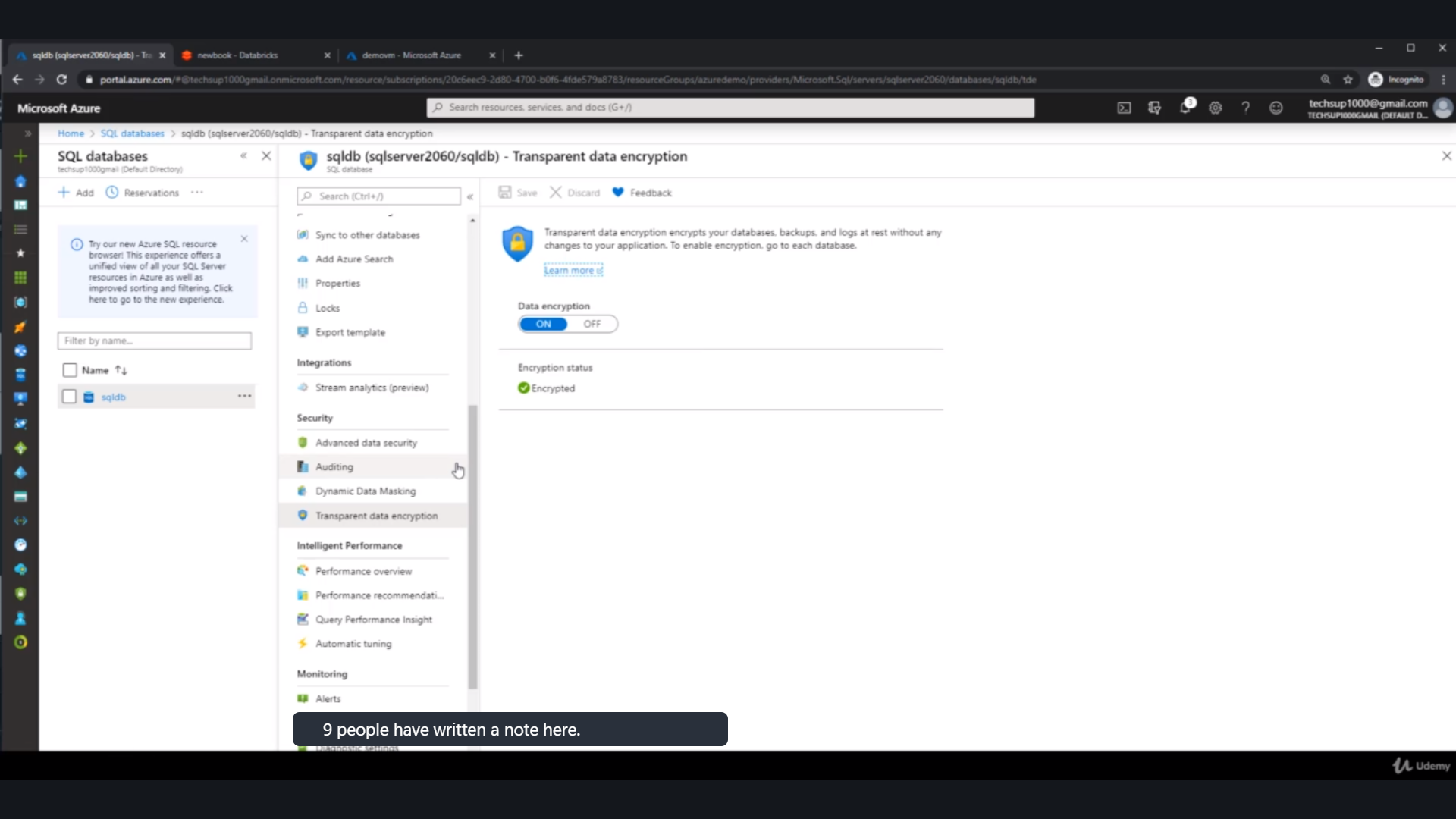




After masking the data will still be visible to privilege user.

## Transparent Data Encryption

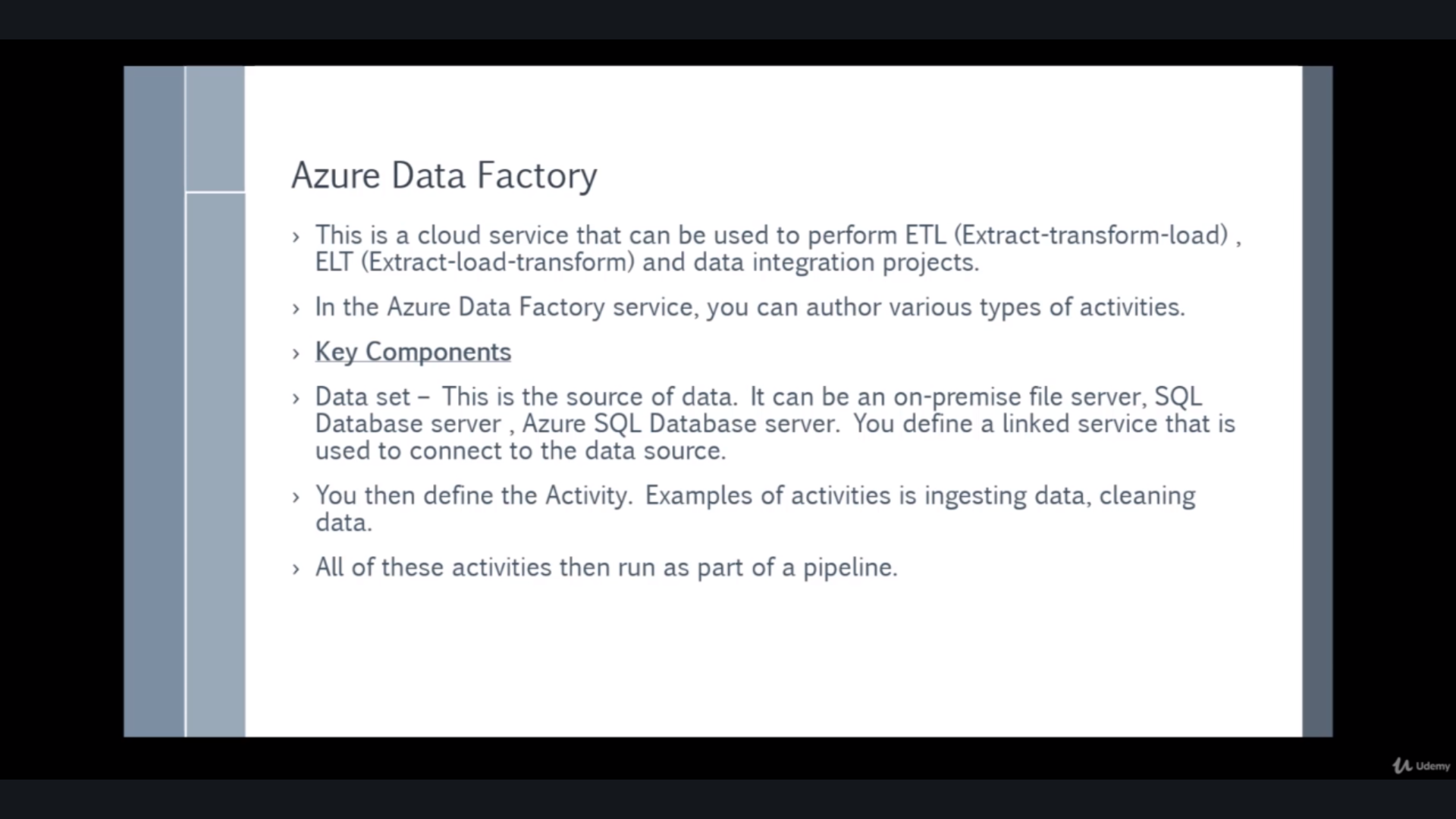




# Design data integration

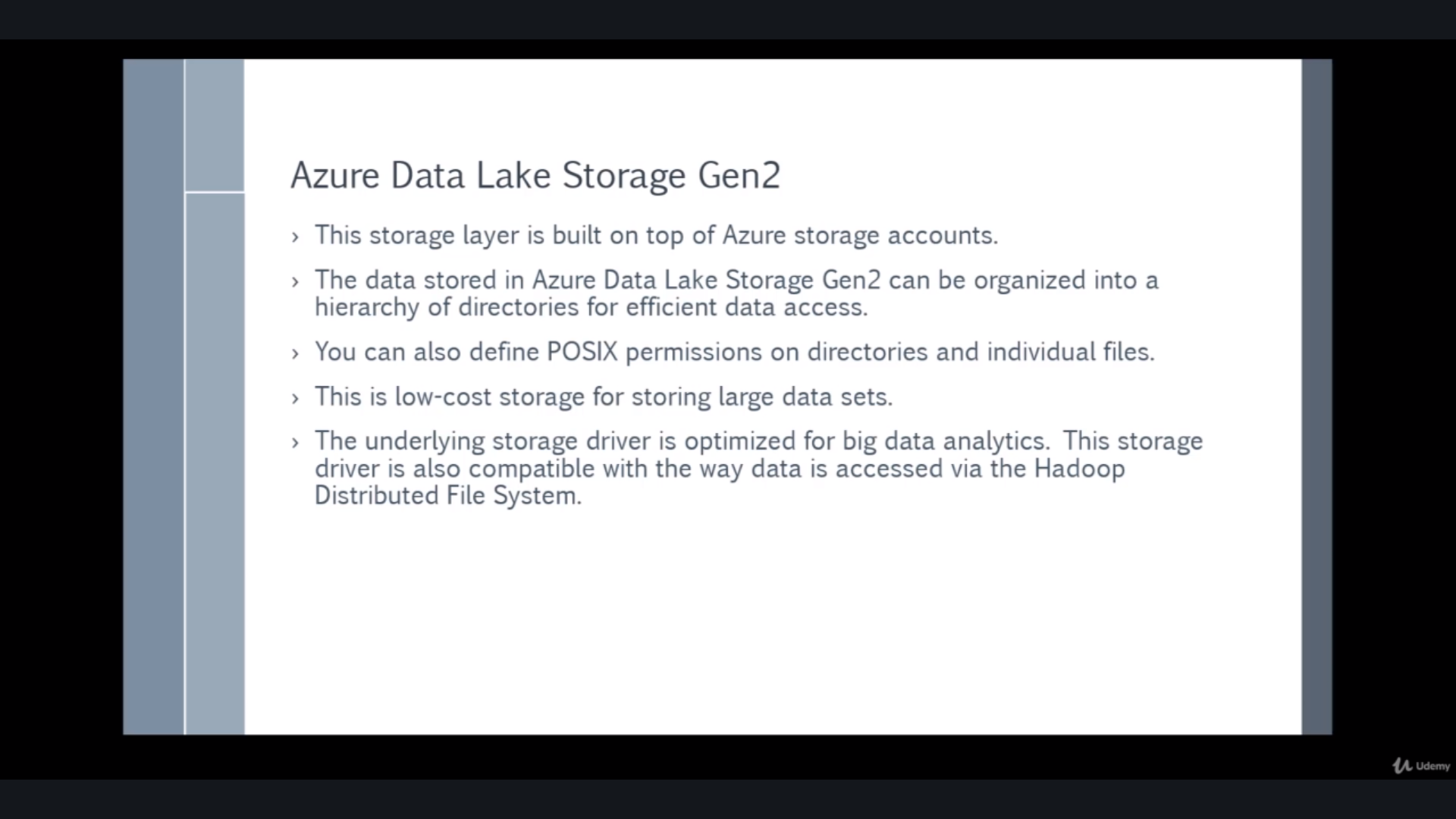
* recommend a data flow to meet business requirements
* recommend a solution for data integration, including Azure Data Factory, Azure Data Bricks, Azure Data Lake, Azure Synapse Analytics

## Azure Data Factory

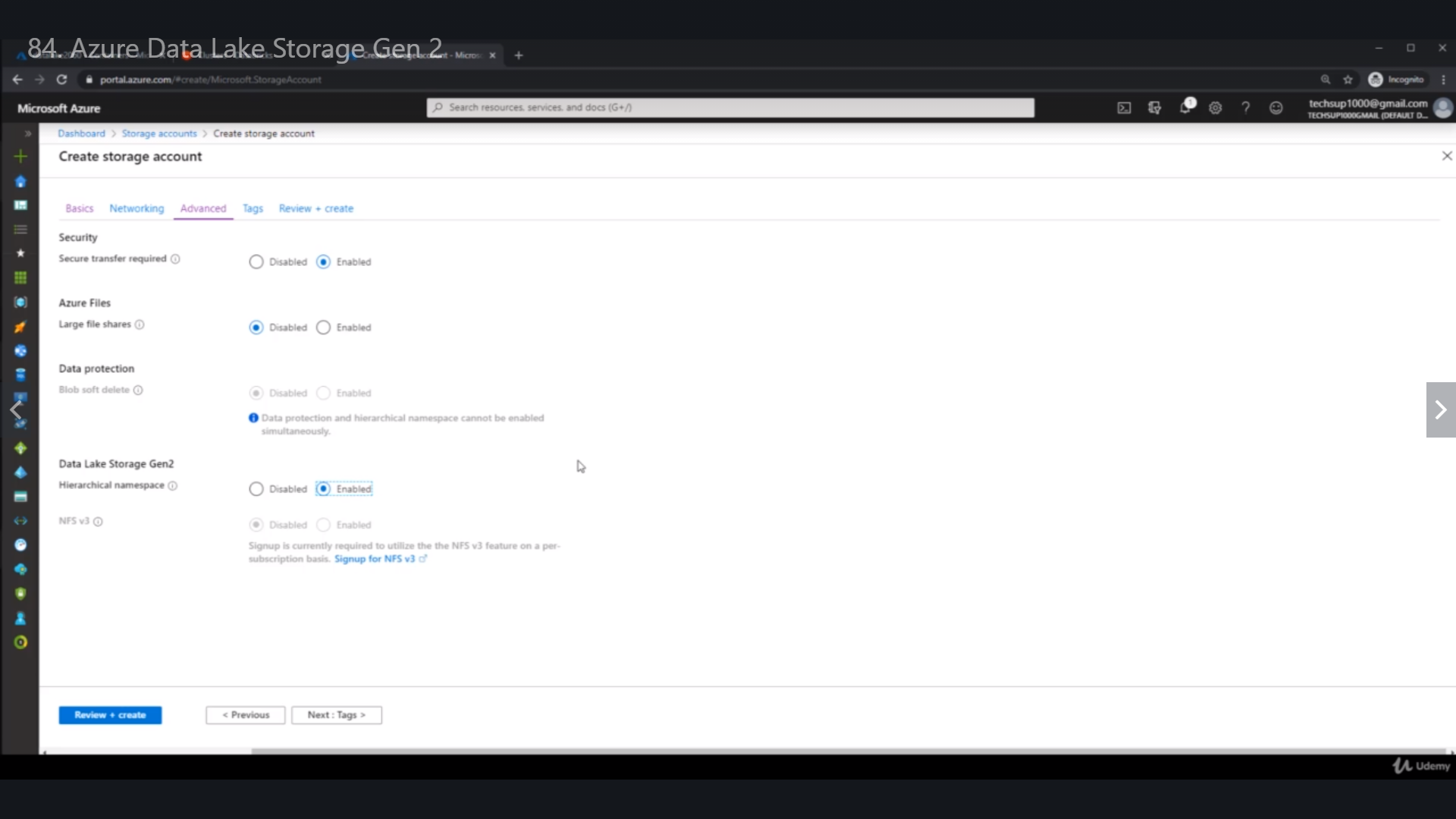


## Azure Data Bricks

## 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