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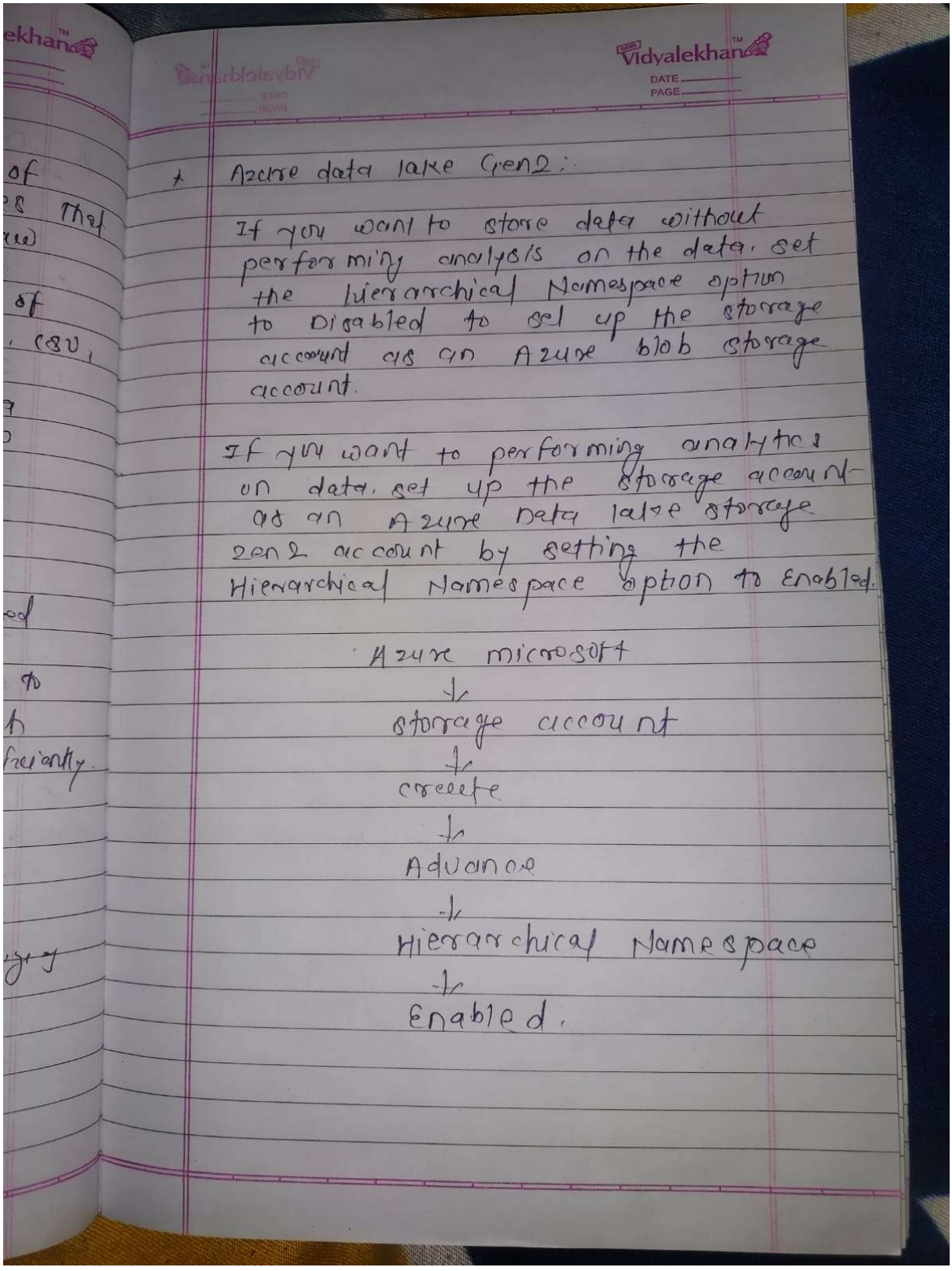
Batch: Data Engineering Batch-1

ADLS:

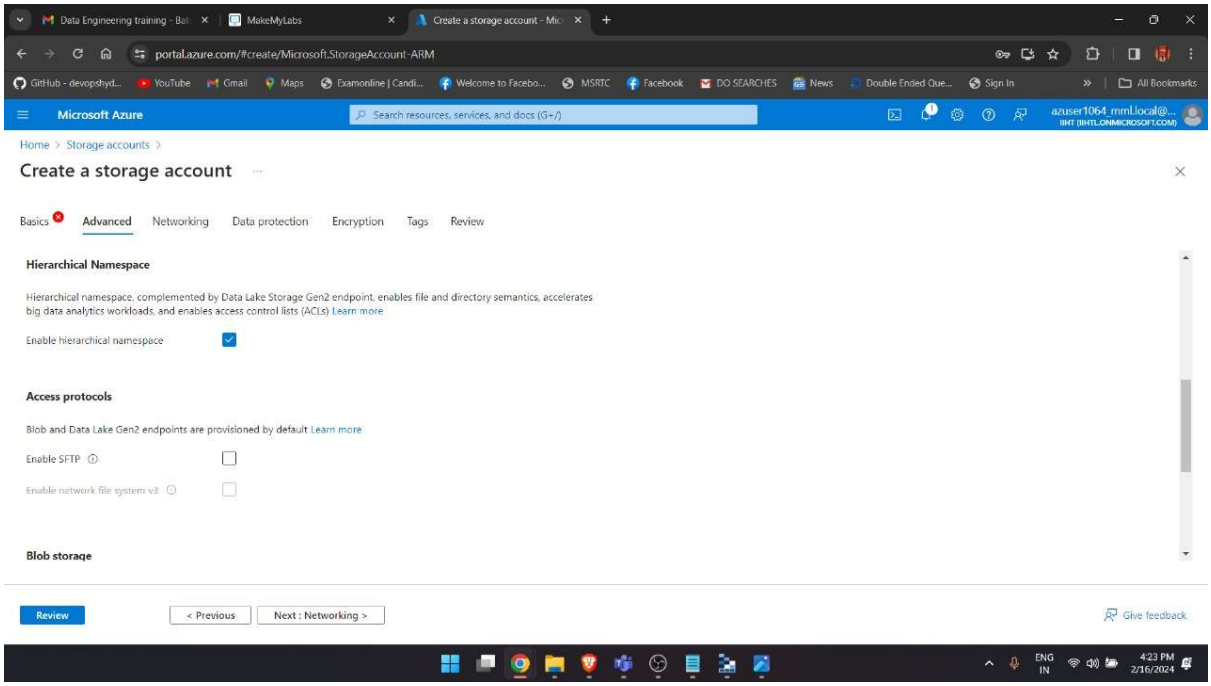
Azure Data Lake Storage Gen2 is a set of capabilities dedicated to big data analytics, built on Azure Blob Storage.

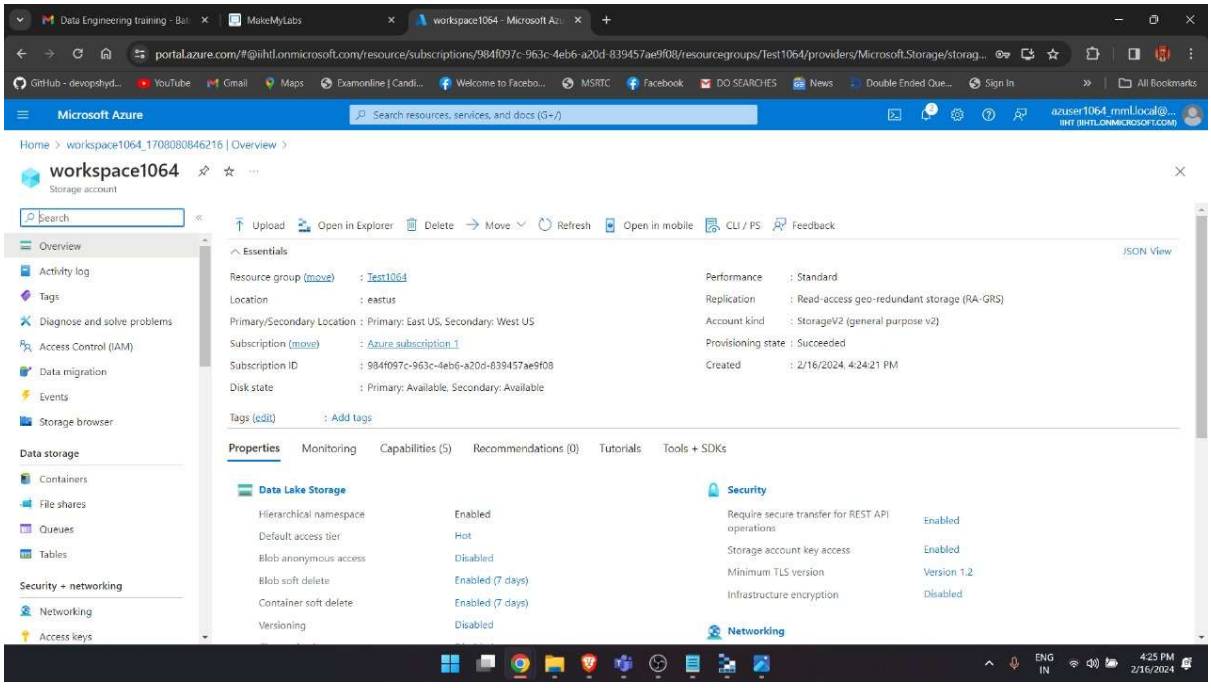
Data Lake Storage Gen2 converges the capabilities of Azure Data Lake Storage Gen1 with Azure Blob Storage. For example, Data Lake Storage Gen2 provides file system semantics, file-level security, and scale. Because these capabilities are built on Blob storage, you also get low-cost, tiered storage, with high availability/disaster recovery capabilities.

Data Lake Storage Gen2 makes Azure Storage the foundation for building enterprise data lakes on Azure. Designed from the start to service multiple petabytes of information while sustaining hundreds of gigabits of throughput, Data Lake Storage Gen2 allows you to easily manage massive amounts of data.

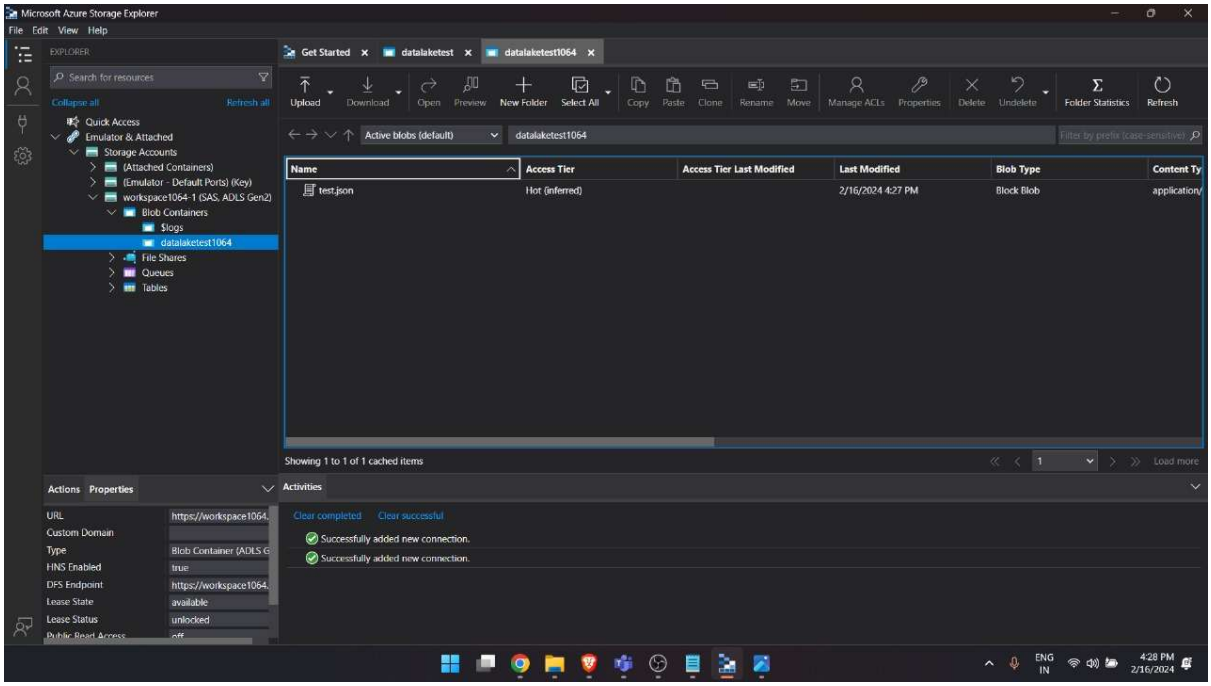


Creating data lake on Azure Storage :





Connecting account to local :


Microsoft Azure Storage Explorer
File Edit View Help
EXPLORER
Search for resources
Collapse all
Refresh all
Quick Access
Emulator & Attached
Storage Accounts
(Attached Containers)
(Emulator - Default Ports) (Key)
workspace1064-1 (SAS, ADLS Gen2)
Blob Containers
$logs
datalaketest1064
File Shares
Queues
Tables
Get Started
datalaketest
datalaketest1064
Upload
Download
Open
Preview
New Folder
Select All
Copy
Paste
Clone
Rename
Move
Manage ACLs
Properties
Delete
Undelete
Folder Statistics
Refresh
Active blobs (default)
datalaketest1064
Filter by prefix (case-sensitive)
Name
Access Tier
Access Tier Last Modified
Last Modified
Blob Type
Content Ty
test.json
Hot (inferred)
2/16/2024 4:27 PM
Block Blob
application/
Showing 1 to 1 of 1 cached items
Load more
Actions
Properties
URL
https://workspace1064.
Custom Domain
Type
Blob Container (ADLS G
HNS Enabled
true
DFS Endpoint
https://workspace1064.
Lease State
available
Lease Status
unlocked
Public Read Access
off
Activities
Clear completed
Clear successful
Successfully added new connection.
Successfully added new connection.
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2/16/2024