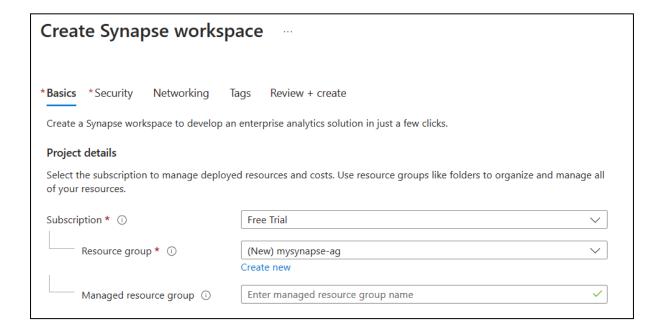
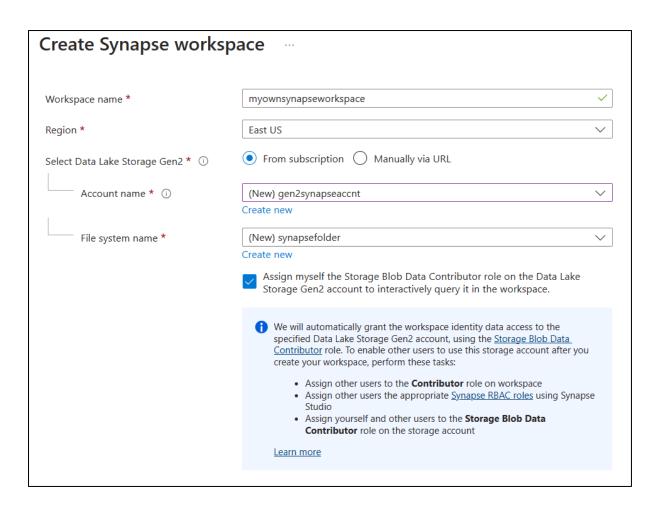
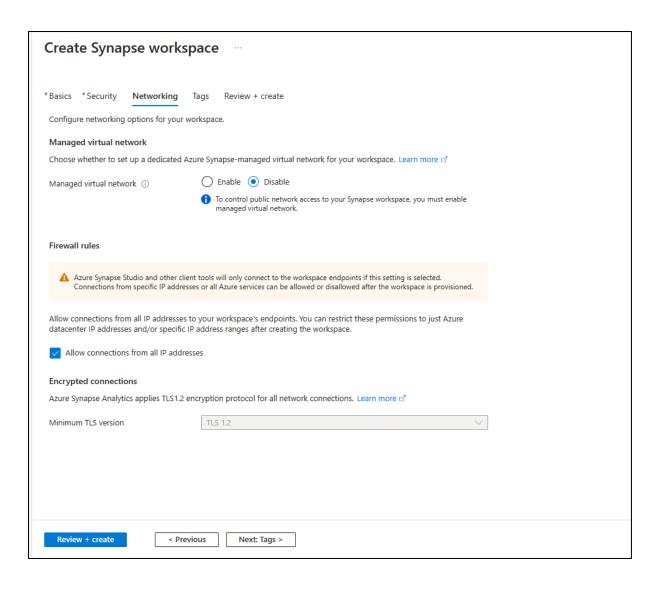
Creating Azure Synapse Analytics Workspace Steps -

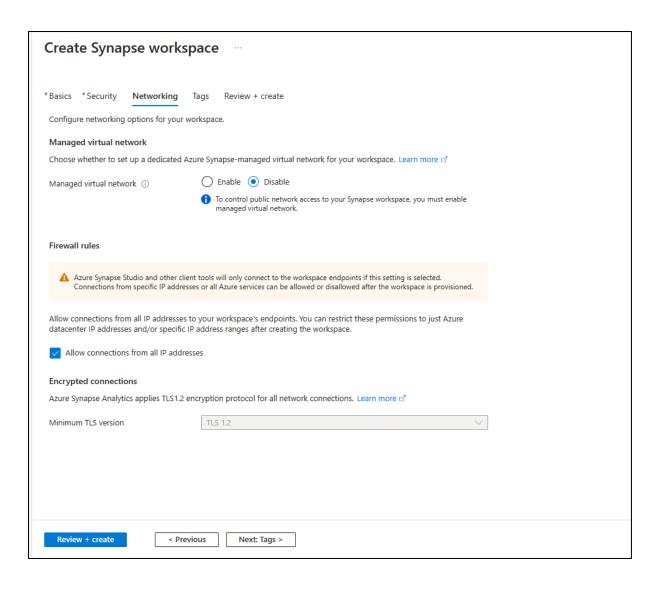


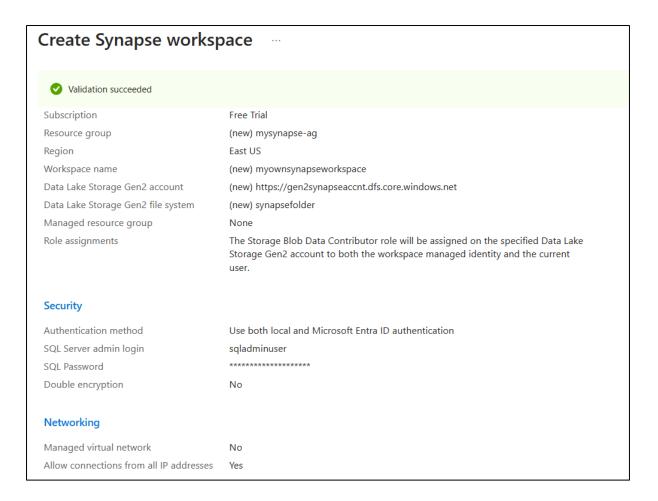


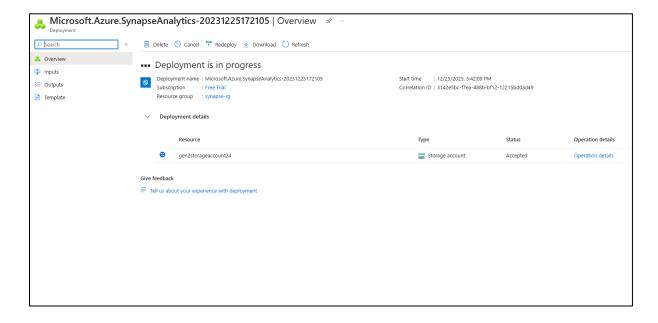
Create Synapse workspace				
*Basics *Security Networking Ta	ags Review + create			
Configure security options for your worksp	ace.			
Authentication				
Choose the authentication method for acceleration changed later on. Learn more ♂	ess to workspace resources such as SQL pools. The authentication method ca	n be		
Authentication method ①	Use both local and Microsoft Entra ID authentication			
	Use only Microsoft Entra ID authentication			
SQL Server admin login * ①	sqladminuser			
SQL Password ①		~		
Confirm password	•••••	✓		
System assigned managed identity per	rmission			
Select to grant the workspace network according to the second sec	ess to the Data Lake Storage Gen2 account using the workspace system ident	ity.		
Allow network access to Data Lake Sto	orage Gen2 account. ①			
The selected Data Lake Storage Gen2 according storage account manually via URL under E	ount does not restrict network access using any network access rules, or you selecte Basics tab. <u>Learn more</u> 🗗	d a		

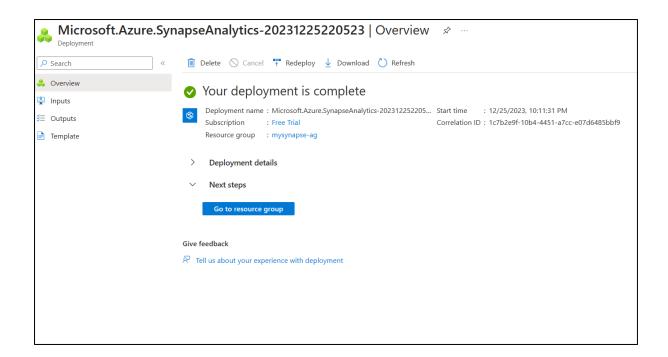


Create Synapse workspace							
*Basics *Security Networking	Tags Review + create						
Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. learn more							
Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.							
Name ①	Value ①	Resource					
]:	Synapse workspace					
Review + create < Pr	evious Next: Review + create >]					

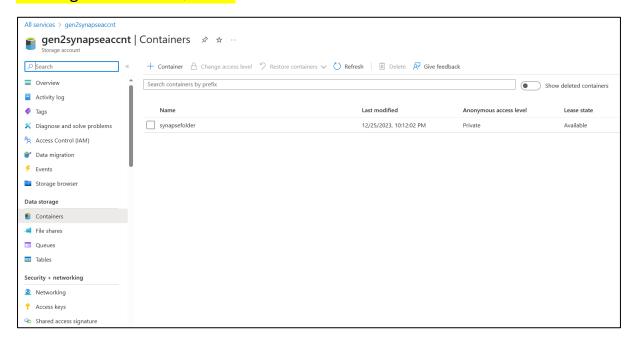


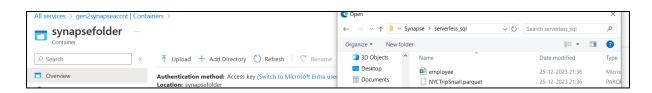


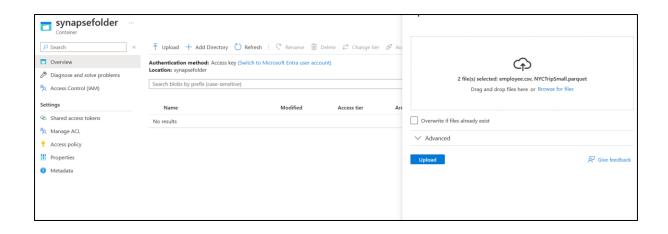


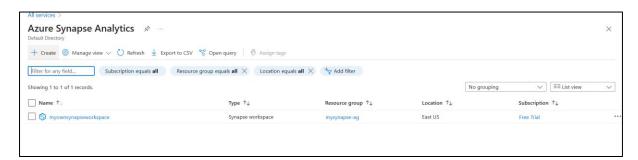


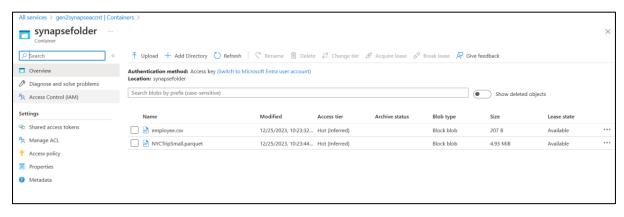
Running Serverless SQL Pool:

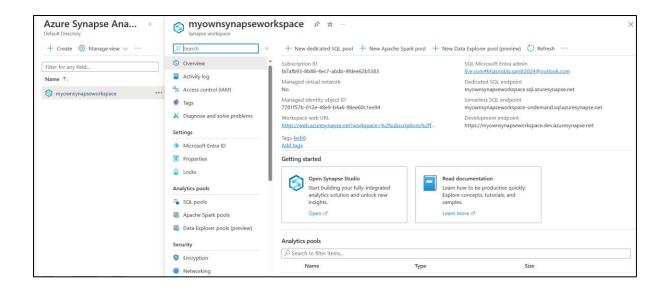


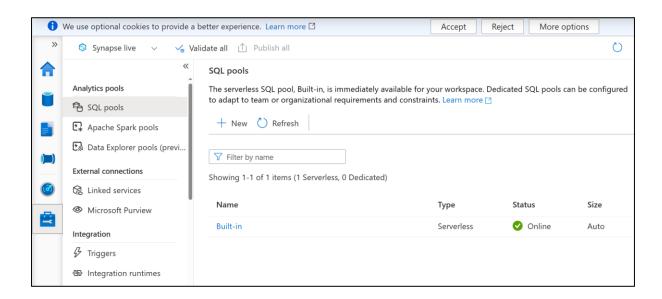


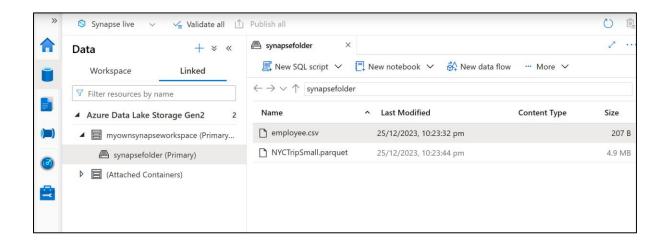


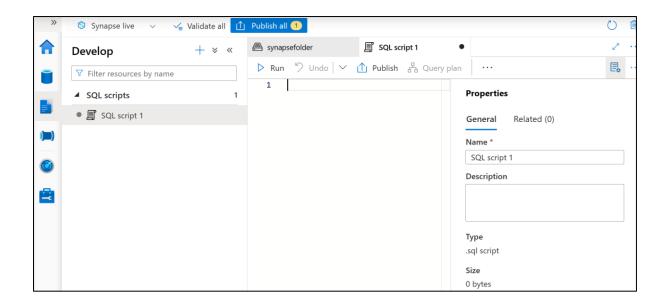


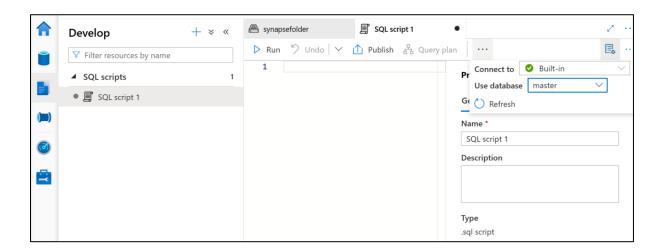


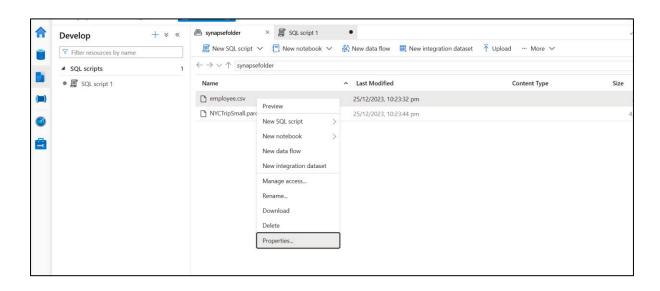


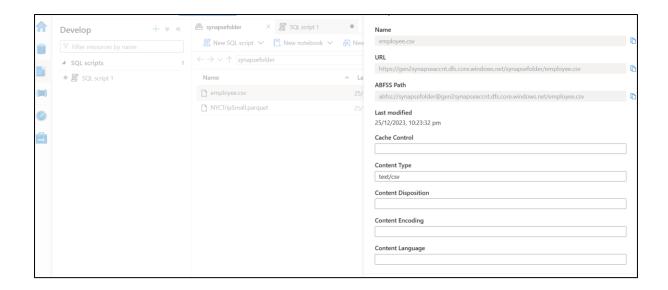


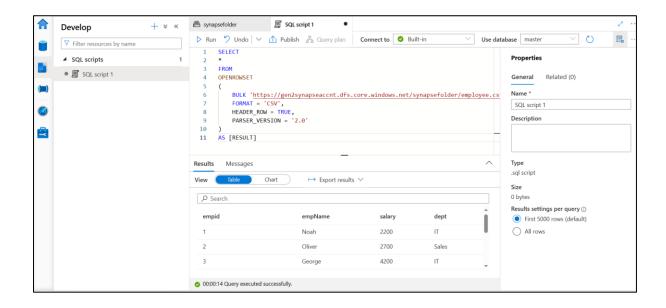




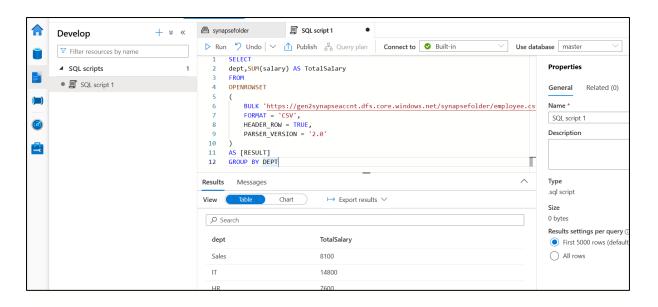








```
SELECT
*
FROM
OPENROWSET
(
    BULK
'https://gen2synapseaccnt.dfs.core.windows.net/synapsefolder/employee.csv',
    FORMAT = 'CSV',
    HEADER_ROW = TRUE,
    PARSER_VERSION = '2.0'
)
AS [RESULT]
```



```
SELECT
dept,SUM(salary) AS TotalSalary
FROM
OPENROWSET
(
    BULK
'https://gen2synapseaccnt.dfs.core.windows.net/synapsefolder/employee.csv',
    FORMAT = 'CSV',
    HEADER_ROW = TRUE,
    PARSER_VERSION = '2.0'
)
AS [RESULT]
GROUP BY DEPT
```

