

# Lab 11: Creating a Dedicated SQL Pool

## Goal

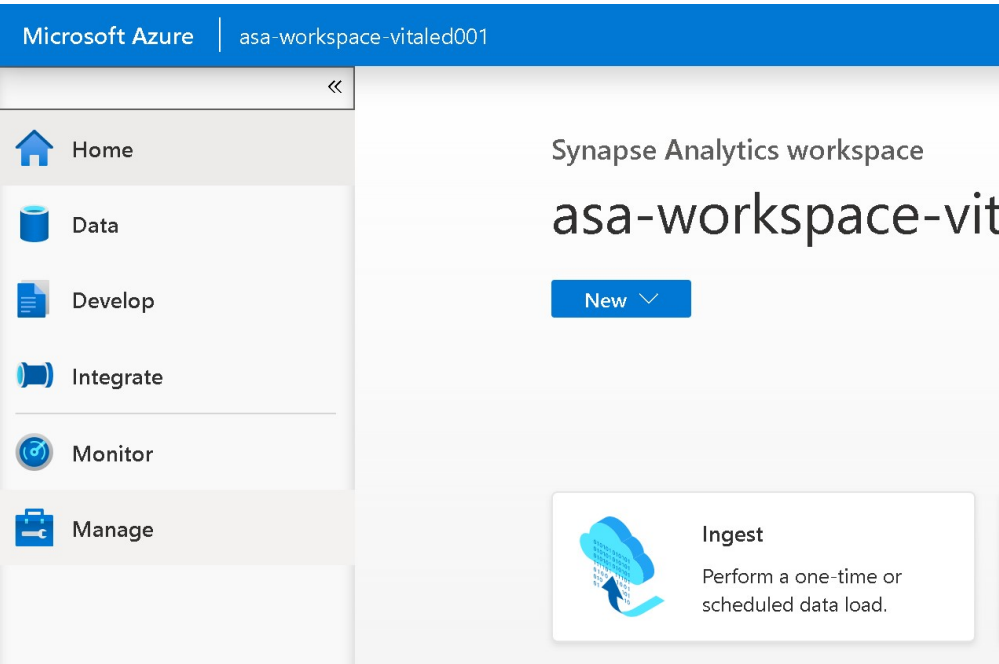
During this lab you will learn how to create a dedicated sql pool in Synapse through the *Synapse Studio UI*

## Tasks

### Task 1: Creating the Databricks Workspace

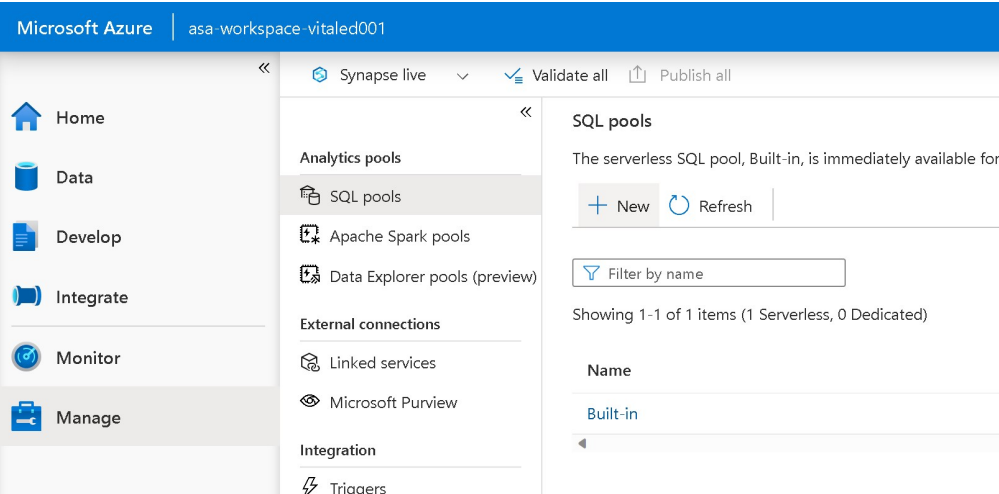
Log in to the Azure Portal: <https://portal.azure.com>

In the Azure Synapse Studio UI click on **Manage** in the left-sided menu



In the *Manage* section click on *SQL Pools* and then on **+ New**

Search for *Azure Synapse Analytics* in the search form and press enter



In the creation wizard provide the following details

Microsoft Azure

Synapse Analytics

asa-workspace-vitaled001

New dedicated SQL pool

Basics

Additional settings

Tags

Review + create

Create a dedicated SQL pool with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults. [Learn more](#)

Dedicated SQL pool details

Name your dedicated SQL pool and choose its initial settings.

Dedicated SQL pool name

dsq|pool001

Performance level

DW100c

Estimated price

Est. cost per hour

1.27 EUR

[View pricing details](#)

Review + create

Next: Additional settings >

Property	Description	Example
Dedicated SQL pool name	Provide a name for your Dedicated SQL Pool. You can use any name you want	dsq pool001
Performance level	Select a performance level for your dedicated sql pool	DW100c

then click on **Review + Create**

In the next page:

Microsoft Azure | Synapse Analytics ▶ asa-workspace-vitaled001

New dedicated SQL pool

✓ Validation succeeded.

Basics \* Additional settings \* Tags Review + create

Product details

Azure Synapse Analytics dedicated SQL pool by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Est. cost per hour  
1.27 EUR  
[View pricing details](#)

Terms

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. For additional details see [Azure Marketplace Terms](#)

Data source

Dedicated SQL pool name

dsqpool001

Performance level

DW100c

Additional settings

Use existing data

Blank

Collation

SQL\_Latin1\_General\_CP1\_CI\_AS

Create < Previous Download template for automation

click on **Create**

This will start the creation of your *dedicated sql pool*. The deployment can take few minutes. When the deployment process finish you will see a green sign in the Status column for the newly created SQL pool

Synapse live Validate all Publish all

Analytics pools

SQL pools

Apache Spark pools

Data Explorer pools (preview)

External connections

Linked services

Microsoft Purview

Integration

Triggers

Integration runtimes

Security

Access control

Credentials

SQL pools

The serverless SQL pool, Built-in, is immediately available for your workspace. Dedicated SQL pools can be configured to adapt to team or organizational

+ New Refresh

Filter by name

Showing 1 - 2 of 2 items (1 Serverless, 1 Dedicated)

Name	Type	Status	Size
Built-in	Serverless	Online	Auto
dsqpool001	Dedicated	Online	DW100c

This Lab has been completed!