

Create a sql database

Microsoft Azure Search resources, services, and docs (G+)

Home > SQL databases > Create SQL Database >

Create SQL Database Server

Microsoft

Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.

Server name * appdbserver10010 .database.windows.net

Location * (Asia Pacific) Central India

Authentication

Azure Active Directory (Azure AD) is now Microsoft Entra ID. [Learn more](#)

Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Microsoft Entra authentication [Learn more](#) using an existing Microsoft Entra user, group, or application as Microsoft Entra admin [Learn more](#), or select both SQL and Microsoft Entra authentication.

Authentication method Use Microsoft Entra-only authentication Use both SQL and Microsoft Entra authentication Use SQL authentication

Server admin login * sqldadmin

Password * Confirm password *

OK

Microsoft Azure

Home > SQL databases >

Configure ...

Feedback

Service and compute tier

Select from the available tiers based on the needs of your workload. The vCore model provides a wide range of configuration controls and offers Hyperscale and Serverless to automatically scale your database based on your workload needs. Alternately, the DTU model provides set price/performance packages to choose from for easy configuration. [Learn more](#)

SQL Database Hyperscale: Low price, high scalability, and best feature set. [Learn more](#)

Service tier [Basic \(For less demanding workloads\)](#) [Compare service tiers](#)

DTUs [Compare DTU options](#)

5 (Basic)

Data max size (GB)

Cost summary

Basic (Basic)	
Cost per DTU (in INR)	93.18
DTUs selected	x 5
ESTIMATED COST / MONTH	465.92 INR

Apply

Microsoft Azure

Home > SQL databases >

Create SQL Database

Microsoft

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Resource group * ⓘ
[Create new](#)

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name *

Server * ⓘ
[Create new](#)

Want to use SQL elastic pool? ⓘ Yes No

Workload environment Development
 Production

Compute + storage * ⓘ

Basic
2 GB storage
[Configure database](#)

[Review + create](#) [Next : Networking >](#)

The screenshot shows the Microsoft Azure 'Create SQL Database' wizard. The title bar says 'Microsoft Azure'. The top navigation bar has a search bar with placeholder 'Search resources, services, and docs (G+/-)'. The main content area is titled 'Create SQL Database' with a '... More options' button. A 'Server' dropdown is set to '(new) appdbserver10010 (Central India)' with a 'Create new' link below it. Below the server selection, there's a question 'Want to use SQL elastic pool?' with 'No' selected. Under 'Workload environment', 'Development' is selected. A note says 'Default settings provided for Development workloads. Configurations can be modified as needed.' In the 'Compute + storage' section, 'Basic' is selected with '2 GB storage' and a 'Configure database' link. The 'Backup storage redundancy' section shows 'Locally-redundant backup storage' selected. At the bottom, there are 'Review + create' and 'Next : Networking >' buttons.

The screenshot shows the Microsoft Azure 'Create SQL Database' wizard. The title bar says 'Microsoft Azure'. The top navigation bar has a search bar with placeholder 'Search resources, services, and docs (G+/-)' and a 'Copilot' button. The main content area is titled 'Create SQL Database' with a '... More options' button. The 'Networking' tab is selected in the navigation bar. A note says 'Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'appdbserver10010' and all databases it manages.' Below this, the 'Network connectivity' section shows 'Public endpoint' selected for 'Connectivity method'. To the right, a 'Cost summary' box shows a cost breakdown for a 'Basic (Basic)' plan: Cost per DTU (in INR) is 93.18, DTUs selected is x 5, and ESTIMATED COST / MONTH is 465.92 INR. At the bottom, there are 'Review + create', '< Previous', and 'Next : Security >' buttons.

Microsoft Azure

Home > SQL databases >

Create SQL Database

Basics Networking Security Additional settings Tags Review + create

Microsoft Defender for SQL

Protect your data using Microsoft Defender for SQL, a unified security package including vulnerability assessment and advanced threat protection for your server. [Learn more](#)

Get started with a 30 day free trial period, and then 1247.9202 INR/server/month.

Enable Microsoft Defender for SQL * Start free trial Not now

Ledger

Ledger cryptographically verifies the integrity of your data and detects any tampering that might have occurred. [Learn more](#)

Ledger **Not configured** [Configure ledger](#)

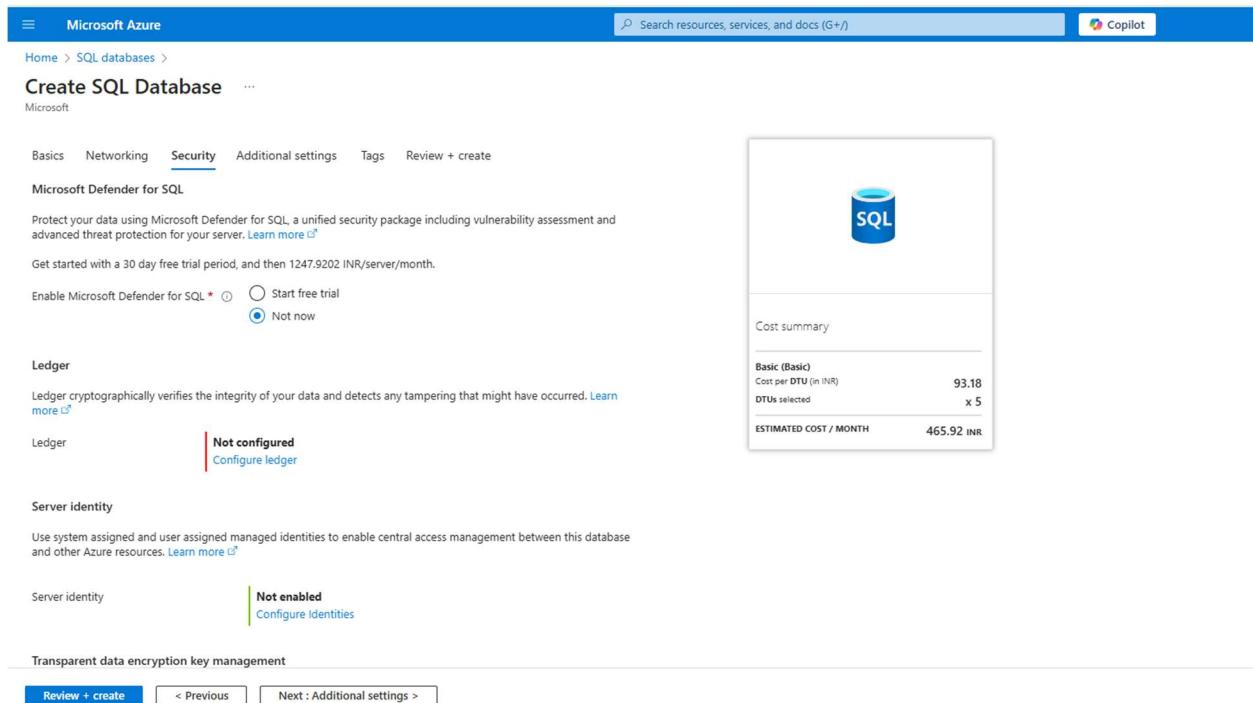
Server identity

Use system assigned and user assigned managed identities to enable central access management between this database and other Azure resources. [Learn more](#)

Server identity **Not enabled** [Configure identities](#)

Transparent data encryption key management

[Review + create](#) [< Previous](#) [Next : Additional settings >](#)



Microsoft Azure

Home > SQL databases >

Create SQL Database

Basics Networking Security **Additional settings** Tags Review + create

Customize additional configuration parameters including collation & sample data.

Data source

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data * None Backup Sample

AdventureWorksLT will be created as the sample database.

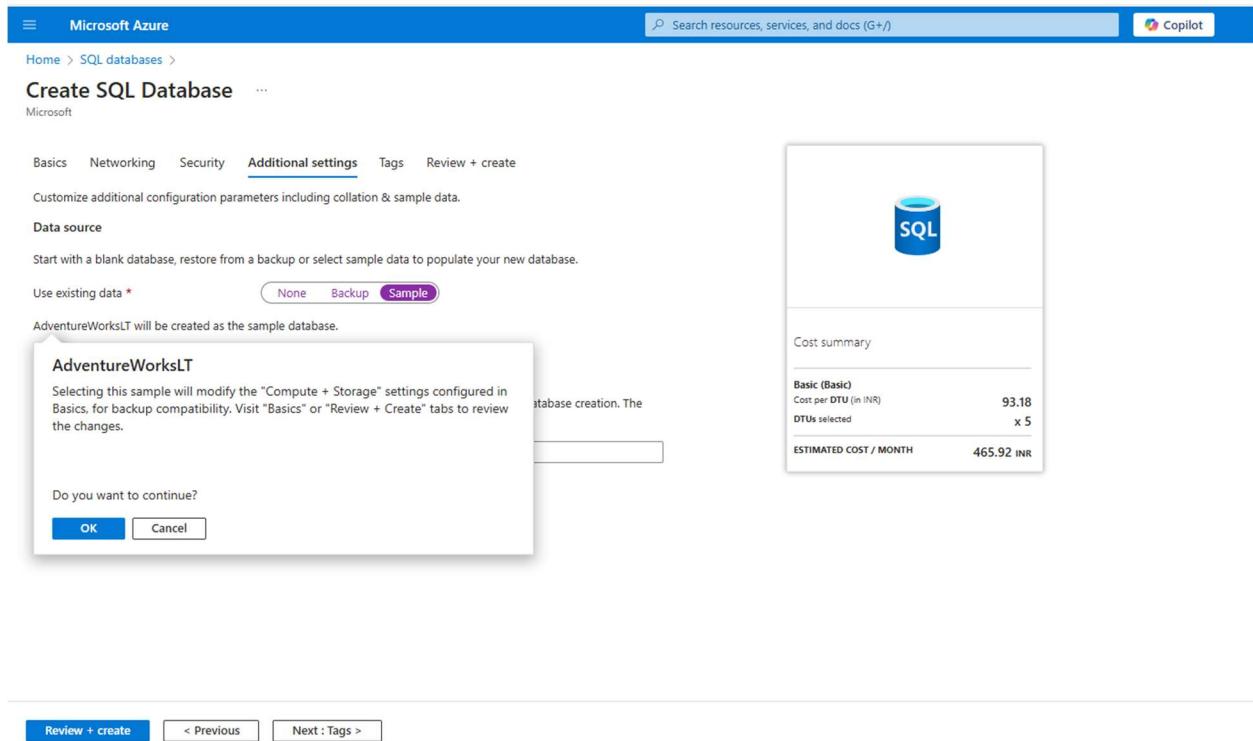
AdventureWorksLT

Selecting this sample will modify the "Compute + Storage" settings configured in Basics, for backup compatibility. Visit "Basics" or "Review + Create" tabs to review the changes.

Do you want to continue?

[OK](#) [Cancel](#)

[Review + create](#) [< Previous](#) [Next : Tags >](#)



Microsoft Azure

Home > SQL databases >

Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

Product details

SQL database by Microsoft

Estimated cost per month
465.92 INR

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](#).

Cost summary

Basic (Basic)	93.18
Cost per DTU (in INR)	x 5
DTUs selected	
ESTIMATED COST / MONTH	465.92 INR

Basics

Subscription	Azure subscription 1
Resource group	Demo-RG
Region	Central India
Database name	appdb
Server	(new) appdbserver10010
Authentication method	SQL authentication
Server admin login	sqladmin
Compute + storage	Basic: 2 GB storage
Backup storage redundancy	Locally-redundant backup storage

Create < Previous Download a template for automation <https://portal.azure.com/#>

Microsoft Azure

Home > Microsoft.SQLDatabase.newDatabaseNewServer_e5c57998de8a42dbb2e09 | Overview

Deployment succeeded Deployment 'Microsoft.SQLDatabase.newDatabaseNewServer_e5c57998de8a42dbb2e09' to resource group 'Demo-RG' was successful.

Overview

- Inputs
- Outputs
- Template

Your deployment is complete

Deployment name : Microsoft.SQLDatabase.newDatabaseNewServer_e5c57998de8a42dbb2e09
Subscription : Azure subscription 1
Resource group : Demo-RG

Start time : 2/4/2025, 7:50:07 PM
Correlation ID : 9a68a47d-b5fa-4669-b1f4-20789e3a256c

Deployment details

Next steps

Go to resource

Give feedback
Tell us about your experience with deployment

Cost management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >

Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >

Free Microsoft tutorials
Start learning today >

Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
Find an Azure expert >

Login to the sql database

Microsoft Azure

Home > appdb (appdbserver10010/appdb) SQL database

Search Copy Restore Export Set server firewall Delete Connect with... Feedback

Overview Activity log Tags Diagnose and solve problems Query editor (preview) Mirror database in Fabric (preview) Settings Data management Integrations Power Platform Security Intelligent performance Monitoring Automation Help

Mirror databases in Microsoft Fabric Easily replicate your existing databases in Fabric, and help your team achieve streamlined ETL and operational analytics goals. [Learn more](#)

Resource group : Demo-BG Status : Online Location : Central India Subscription : Azure subscription 1 Subscription ID : 97eeb79c-d3f5-4128-a3ed-56158dc0b7c4 Tags : Tags (edit) Add tags

Server name : appdbserver10010.database.windows.net Elastic pool : No elastic pool Connection strings : Show database connection strings Pricing tier : Basic Earliest restore point : No restore point available

JSON View

Getting started Monitoring Properties Features Notifications (0) Integrations Tutorials

Start working with your database

Connect to your database and start working with data with a few simple steps. [Learn more](#)

Configure access Configure network access to your SQL server. [Learn more](#)

Connect to application Use connection strings to connect to your SQL database from your applications and favorite tools.

Start developing Work in your database by using tools to add, modify and query data. [Compare tools](#)

Mirror database in Fabric Replicate existing databases in Fabric, and help your team achieve streamlined ETL and operational analytics goals. [Learn more](#)

Configure See connection strings Open Azure Data Studio

ManoharOberoi@cloud... CLOUDHUB.BIZ CLOUDHUB.BIZ

Microsoft Azure

Home > appdb (appdbserver10010/appdb) | Query editor (preview)

Search Login New Query Open query Feedback Getting started

Overview Activity log Tags Diagnose and solve problems Query editor (preview) Mirror database in Fabric (preview) Settings Data management Integrations Power Platform Security Intelligent performance Monitoring Automation Help

Welcome to SQL Database Query Editor

Query editor (preview) is a tool to run SQL queries against Azure SQL Database in the Azure portal. It is designed for lightweight querying and object exploration in your database. For more information and troubleshooting. [Learn more](#)

SQL server authentication

Login * OR Microsoft Entra authentication Continue as ManoharOberoi@cloudhu...

Password *

OK

ManoharOberoi@cloud... CLOUDHUB.BIZ CLOUDHUB.BIZ

Microsoft Azure

Home > appdb (appdbserver10010/appdb)

Search Login New Query Open query Feedback Getting started

Overview Activity log Tags Diagnose and solve problems Query editor (preview) Mirror database in Fabric (preview) Settings Data management Integrations Power Platform Security Intelligent performance Monitoring Automation Help

Welcome to SQL Database Query Editor

Query editor (preview) is a tool to run SQL queries against Azure SQL Database in the Azure portal. It is designed for lightweight querying and object exploration in your database. For more information and troubleshooting. [Learn more](#)

SQL server authentication

Login OR Microsoft Entra authentication Continue as ManoharOberoi@cloudhu...

Password

Logging in as sqladmin...

OK

ManoharOberoi@cloud... CLOUDHUB.BIZ CLOUDHUB.BIZ

Expand the table section

The screenshot shows the Microsoft Azure portal interface for a database named 'appdb'. The left sidebar contains navigation links like Overview, Activity log, Tags, Diagnose and solve problems, and a 'query editor (preview)' section which is currently selected. The main area displays the 'Query 1' editor with a single digit '1' in the top-left corner. Below the editor are tabs for 'Results' and 'Messages', and a search bar. A status bar at the bottom indicates 'Ready'.

SalesLT.Customer>Select Top 100 Rows

This screenshot shows the same Azure portal interface as above, but with the 'Tables' section expanded in the object explorer. The 'SalesLT.Customer' table is highlighted, and a context menu is open over it, displaying options such as 'Select.Top.1000 Rows', 'Edit Data (Preview)', and 'Rename'. The rest of the interface remains consistent with the first screenshot.

The screenshot shows the Microsoft Azure Query editor (preview) interface. On the left, there's a sidebar with navigation links like Overview, Activity log, Tags, Diagnose and solve problems, and Query editor (preview). The main area has two tabs: Query 1 and Query 2. Query 1 contains the following SQL code:

```
1 SELECT TOP (1000) * FROM [SalesLT].[Customer]
```

Query 2 is currently selected. Below the queries, there are buttons for Run, Cancel query, Save query, Export data as, Show only Editor, and Open Copilot. The results section displays a table with 5 rows of data from the SalesLT.Customer table:

CustomerID	NameStyle	Title	FirstName	MiddleName	LastName	Suffix
1	False	Mr.	Orlando	N.	Gee	
2	False	Mr.	Keith		Harris	
3	False	Ms.	Donna	F.	Carreras	
4	False	Ms.	Janet	M.	Gates	
5	False	Mr.	Lucy		Harrington	

We have also created a synapse analytics workspace and dedicated sql pool

The screenshot shows the Microsoft Azure Synapse Analytics workspace interface. The left sidebar includes options for Overview, Activity log, Tags, Diagnose and solve problems, Settings, Analytics pools, and SQL pools. The SQL pools section is expanded, showing a table of existing pools:

Name	Type	Status	Size
Built-in	Serverless	N/A	Auto
warehousedb	Dedicated	Online	DW100c

Create azure data factory

Microsoft Azure

Home > Create a resource > Marketplace

New! Get AI-generated suggestions for your search. Ask AI to suggest products, articles, and solutions for what you need.

Get Started

Service Providers

Management

Private Marketplace

Private Offer Management

My Marketplace

Favorites

My solutions

Recently created

Private plans

Categories

Analytics (50)

AI + Machine Learning (28)

IT & Management Tools (23)

Internet of Things (19)

Search bar: data factory

Pricing: All

Operating System: All

Publisher Type: All

Product Type: All

Publisher name: All

Showing 1 to 20 of 101 results for 'data factory'. Clear search

Tile view

The screenshot shows the Microsoft Azure Marketplace search results for 'data factory'. The search bar at the top contains 'data factory'. Below it, there are filters for Pricing (All), Operating System (All), Publisher Type (All), Product Type (All), and Publisher name (All). The results section displays 20 items from 101 total, with a 'Tile view' button. Each result card includes a thumbnail, title, publisher, and a 'Create' or 'Subscribe' button. The cards are arranged in a grid format.

Microsoft Azure

Home > Create a resource > Marketplace

Create Data Factory

Basics Git configuration Networking Advanced Tags Review + create

One-click to create data factory with sample pipeline and datasets. Try it

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource group * [Create new](#)

Instance details

Name *

Region *

Version *

[Previous](#) [Next](#) [Review + create](#)

The screenshot shows the 'Create Data Factory' wizard. It has tabs for Basics, Git configuration, Networking, Advanced, Tags, and Review + create. The Basics tab is selected. The Project details section asks for a subscription (Azure subscription 1) and a resource group (Demo-RG). The Instance details section asks for a name (datafactoryinstance10010), region (Central India), and version (V2). At the bottom, there are 'Previous' and 'Next' buttons, and a prominent 'Review + create' button.

Microsoft Azure Search resources, services, and docs (G+) Copilot

Home > Create a resource > Marketplace >

Create Data Factory

Basics Git configuration Networking Advanced Tags **Review + create**

[View automation template](#)

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. See the [Azure Marketplace Terms](#) for additional details.

Basics

Subscription	Azure subscription 1
Resource group	Demo-RG
Name	datafactoryinstance10010
Region	Central India
Version	V2

Networking

Connect via	Public endpoint
-------------	-----------------

[Previous](#) [Next](#) **Create**

Microsoft Azure Search resources, services, and docs (G+) Copilot

Home > Microsoft.DataFactory-20250204200128 | Overview ...

Deployment

Overview

Your deployment is complete

Deployment name : Microsoft.DataFactory-20250204200128
Subscription : Azure subscription 1
Resource group : Demo-RG

Start time : 2/4/2025, 8:03:38 PM
Correlation ID : 71ef5b14-8ba6-423fb2e5-673ce97ea0cf

Deployment details

Next steps

[Go to resource](#)

[Give feedback](#)
[Tell us about your experience with deployment](#)

Cost management
Get notified to stay within your budget and prevent unexpected charges on your bill.
[Set up cost alerts >](#)

Microsoft Defender for Cloud
Secure your apps and infrastructure
[Go to Microsoft Defender for Cloud >](#)

Free Microsoft tutorials
Start learning today >

Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
[Find an Azure expert >](#)

Launch studio

Microsoft Azure | Microsoft.DataFactory-20250204200128 | Overview >

datafactoryinstance10010

Data factory (V2)

Search ... Copilot

Overview Delete

Essentials

Resource group ([\(move\)](#)) : Demo-RG
Status : Succeeded
Location : Central India
Subscription ([\(move\)](#)) : Azure subscription 1
Subscription ID : 97eeb79c-d3f5-4128-a3ed-56158dc0b7c4

Type : Data factory (V2)
Getting started : [Quick start](#)

JSON View

Activity log Access control (IAM) Tags Diagnose and solve problems Settings

Getting started Monitoring Automation Help

Azure Data Factory Studio

Launch studio

Quick Starts Tutorials Template Gallery Training Modules

Monitoring

PipelineRuns ActivityRuns TriggerRuns

<https://portal.azure.com/#>

This screenshot shows the Azure Data Factory Overview page for a resource named 'datafactoryinstance10010'. It includes sections for Overview, Essentials (resource group, status, location, subscription), and monitoring. There are also links for Launch studio, Quick Starts, Tutorials, Template Gallery, and Training Modules.

Microsoft Azure | Data Factory | datafactoryinstance10010 | Search factory and documentation

Would you like to see Data Factory inside of Microsoft Fabric, Microsoft's newest cloud-first data analytics SaaS platform? Click [here](#) to get started with Fabric Data Factory!

Data factory

datafactoryinstance10010

New

Ingest Copy data at scale once or on a schedule.

Orchestrate Code-free data pipelines.

Transform data Transform your data using data flows.

Configure SSIS Manage & run your SSIS packages in the cloud.

Recent resources

This screenshot shows the main dashboard of the Azure Data Factory 'datafactoryinstance10010'. It features four main service cards: Ingest, Orchestrate, Transform data, and Configure SSIS. The 'Transform data' card is currently highlighted. The sidebar on the left includes icons for Home, New, and other management options.

Now I will copy customer and product tables from azure sql database to the azure synapse analytics dedicated sql pool using azure data factory.

Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudbubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

① Properties ② Source ③ Destination ④ Settings ⑤ Review and finish

Properties

Use Copy Data Tool to perform a one-time or scheduled data load from 90+ data sources. Follow the wizard experience to specify your data loading settings, and let the Copy Data Tool generate the artifacts for you, including pipelines, datasets, and linked services. [Learn more](#)

Properties

Select copy data task type and configure task schedule

Task type

Built-in copy task
You will get a single pipeline which is capable of smoothly copying data from over 100 different data sources.

Metadata-driven copy task
You will get parameterized pipelines which can read metadata from an external store to load data at a large scale.

You will get single pipeline to quickly copy objects from data source store to destination in a very intuitive manner.

Task cadence or task schedule *

Run once now Schedule Tumbling window

< Previous Next > Cancel

Create source data store

Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudbubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

① Properties ② Source ③ Dataset ④ Configuration ⑤ Destination ⑥ Settings ⑦ Review and finish

Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type: All

Connection *: Select... + New connection

< Previous Next > Cancel

Microsoft Azure | Data Factory > datafactoryinstance10010

Copy Data tool

Properties
Source
Dataset
Configuration
Destination
Settings
Review and finish

Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type: All
Connection: Select...

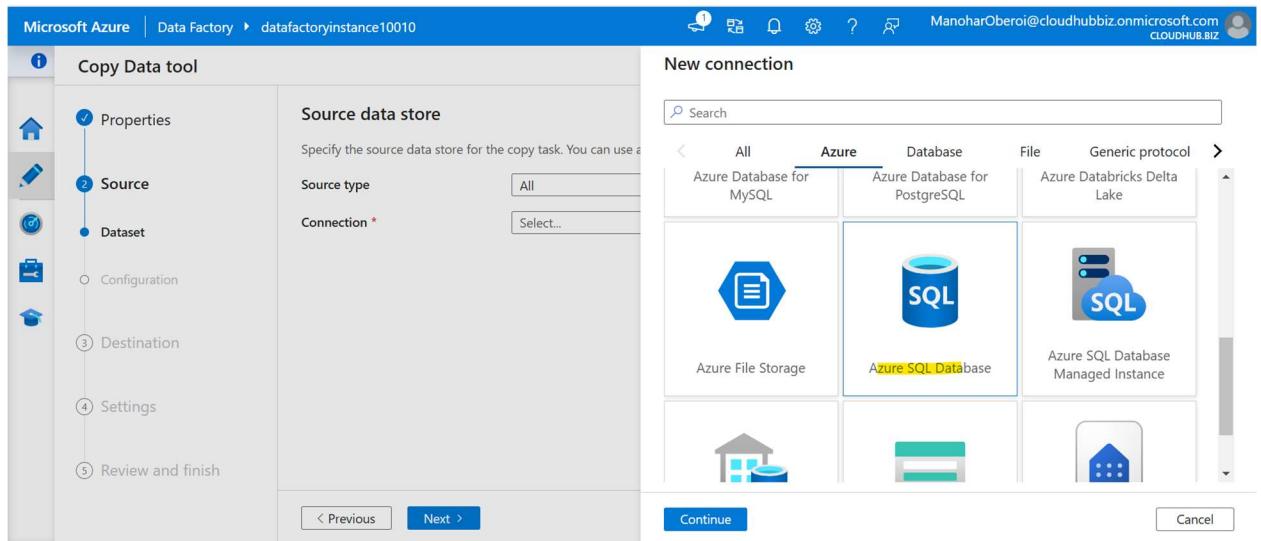
New connection

Search: All, Azure, Database, File, Generic protocol

Azure Database for MySQL, Azure Database for PostgreSQL, Azure Databricks Delta Lake

Azure File Storage, Azure SQL Database, Azure SQL Database Managed Instance

Continue, Cancel



Microsoft Azure | Data Factory > datafactoryinstance10010

Copy Data tool

Properties
Source
Dataset
Configuration
Destination
Settings
Review and finish

Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type: All
Connection: Select... + New connection

New connection

Name: appdbserver10010_service

Description:

Connect via integration runtime: AutoResolveIntegrationRuntime

Version: Recommended

Import from connection string

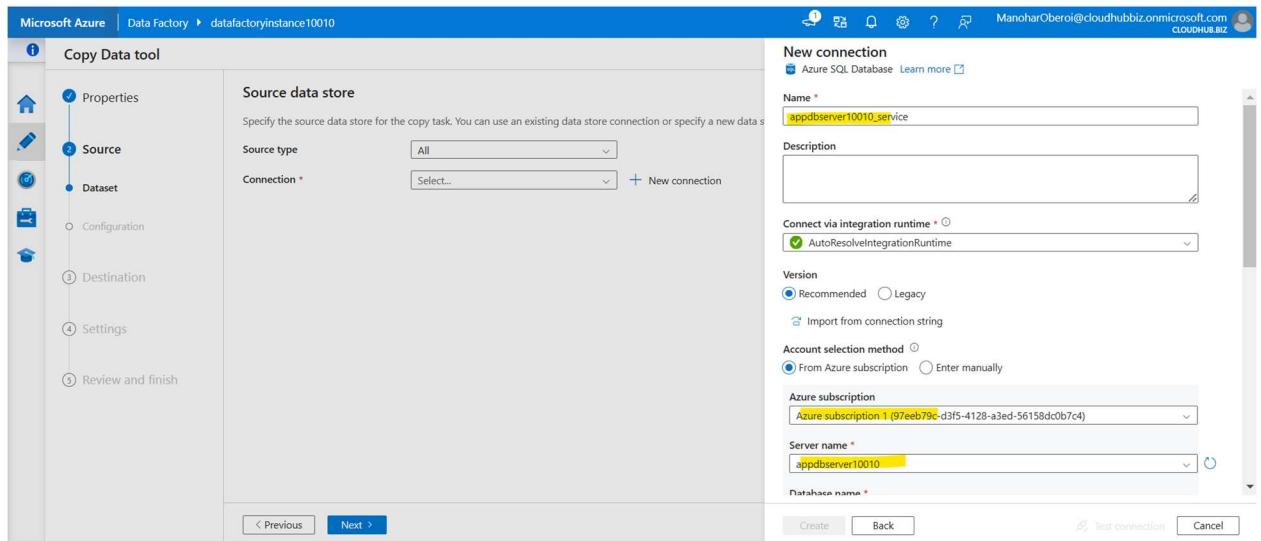
Account selection method: From Azure subscription

Azure subscription: Azure subscription 1 (97eeb79c-d3f5-4128-a3ed-56158d0b7c4)

Server name: appdbserver10010

Database name:

Create, Back, Test connection, Cancel





ManoharOberoi@cloudbubbiz.onmicrosoft.com
CLOUDHUB.BIZ



New connection

Azure SQL Database [Learn more](#)

Account selection method ①

From Azure subscription Enter manually

Azure subscription

Azure subscription 1 (97eeb79c-d3f5-4128-a3ed-56158dc0b7c4)

Server name *

appdbserver10010



Database name *

appdb



Authentication type *

SQL authentication

User name *

sqladmin

Password

Azure Key Vault

Password *

✓ Connection successful



Create

Back

Test connection

Cancel

Microsoft Azure | Data Factory > datafactoryinstance10010

Copy Data tool

Properties

Source

Dataset

Configuration

Destination

Settings

Review and finish

Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type: All

Connection: appdbserver10010_service

Source: Tables

Showing 12 out of 12 tables, 0 out of 3 views (0 selected)

SalesLT.Product
SalesLT.ProductCategory
SalesLT.ProductDescription
SalesLT.ProductModel
SalesLT.ProductModelProductDescription
SalesLT.SalesOrderDetail
SalesLT.SalesOrderHeader

< Previous Next > Cancel

Copy customer table and product table to the dedicate sql pool in azure synapse analytics

Microsoft Azure | Data Factory > datafactoryinstance10010

Copy Data tool

Properties

Source

Dataset

Configuration

Destination

Settings

Review and finish

Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type: All

Connection: appdbserver10010_service

Source: Tables

Showing 12 out of 12 tables, 0 out of 3 views (2 selected)

SalesLT.Address
SalesLT.Customer
SalesLT.CustomerAddress
SalesLT.Product

< Previous Next > Cancel

At least one table should be selected

Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

Properties

Source

Dataset

Configuration

Destination

Settings

Review and finish

Apply filter

Filter by name...

SalesLT.Customer

SalesLT.Product

< Previous Next >

Cancel

Create destination data store

Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

Properties

Source

Destination

Dataset

Configuration

Settings

Review and finish

Destination data store

Specify the destination data store for the copy task. You can use an existing data store connection or specify a new one.

Destination type: All

Connection: Select... + New connection

New connection

Search

All Azure Database File Generic protocol

Azure File Storage Azure SQL Database Azure SQL Database Managed Instance

Azure Synapse Analytics Azure Table Storage Dataverse (Common Data Service for Apps)

Dynamics 365 Dynamics CRM File system

Continue Cancel

Microsoft Azure | Data Factory > datafactoryinstance10010

Copy Data tool

Properties

Source

Destination

Dataset

Configuration

Settings

Review and finish

Destination data store

Specify the destination data store for the copy task. You can use an existing data store connection or specify a new one.

Destination type: All

Connection: Select... + New connection

New connection

Azure Synapse Analytics Learn more

Name: dataworkspace10010.service

Description:

Connect via integration runtime: AutoResolveIntegrationRuntime

Version: Recommended

Import from connection string

Account selection method: From Azure Subscription

Azure subscription: Azure subscription 1 (97eeb79c-d3f5-4128-a3ed-56158dc0b7c4)

Server name: dataworkspace10010 (Synapse workspace)

Database name: *

Create Back Test connection Cancel

< Previous Next >

This screenshot shows the 'Destination' step of the Copy Data tool wizard. The 'Destination' section is highlighted in blue. The 'Destination data store' configuration is displayed, with the 'Name' field set to 'dataworkspace10010.service'. A 'New connection' dialog is overlaid on the right, showing the 'Destination data store' configuration with 'Name' set to 'dataworkspace10010.service' and 'Connect via integration runtime' set to 'AutoResolveIntegrationRuntime'.

Microsoft Azure | Data Factory > datafactoryinstance10010

Copy Data tool

Properties

Source

Destination

Dataset

Configuration

Settings

Review and finish

Destination data store

Specify the destination data store for the copy task. You can use an existing data store connection or specify a new one.

Destination type: All

Connection: Select... + New connection

New connection

Azure Synapse Analytics Learn more

Database name: * warehousedb

SQL pool: warehousedb

Authentication type: SQL authentication

User name: sqladminuser

Password: Azure Key Vault

Encrypt: Mandatory

Trust server certificate:

Host name in certificate:

Create Back Test connection Cancel

< Previous Next >

This screenshot shows the 'Destination' step of the Copy Data tool wizard. The 'Destination' section is highlighted in blue. The 'Destination data store' configuration is displayed, with the 'Database name' field set to 'warehousedb'. A 'New connection' dialog is overlaid on the right, showing the 'Destination data store' configuration with 'Database name' set to 'warehousedb', 'SQL pool' set to 'warehousedb', and 'Authentication type' set to 'SQL authentication'.

Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

Properties
Source
Destination
Dataset
Configuration
Settings
Review and finish

Destination data store

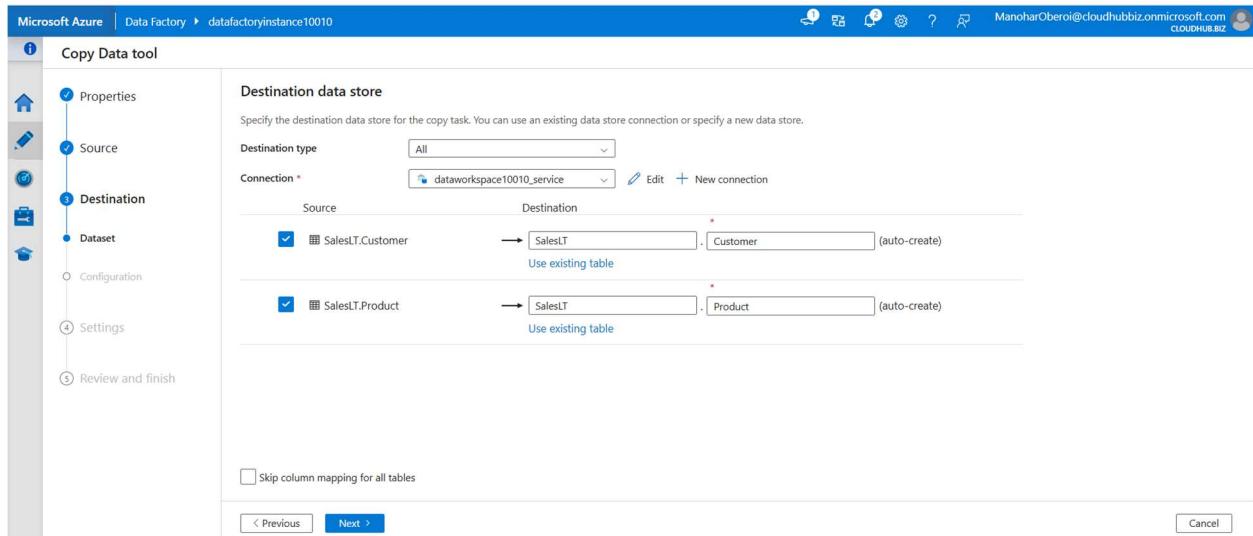
Specify the destination data store for the copy task. You can use an existing data store connection or specify a new data store.

Destination type: All
Connection: dataworkspace10010_service

Source	Destination
SalesLT.Customer	SalesLT.Customer (auto-create)
SalesLT.Product	SalesLT.Product (auto-create)

Skip column mapping for all tables

< Previous Next > Cancel



Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

Properties
Source
Destination
Dataset
Configuration
Settings
Review and finish

Column mapping

Choose how source and destination columns are mapped

Table mappings (2)

Source	Destination
SalesLT.Customer	SalesLT.Customer
SalesLT.Product	SalesLT.Product

Column mappings

Type conversion settings

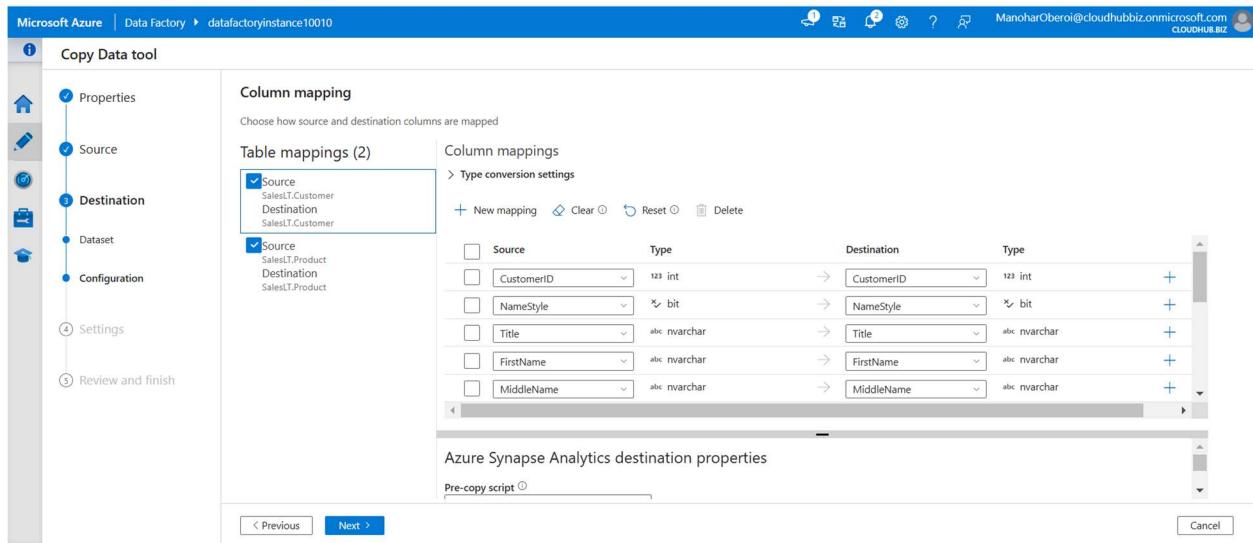
+ New mapping Clear Reset Delete

Source	Type	Destination	Type
CustomerID	int	CustomerID	int
NameStyle	bit	NameStyle	bit
Title	nvarchar	Title	nvarchar
FirstName	nvarchar	FirstName	nvarchar
MiddleName	nvarchar	MiddleName	nvarchar

Azure Synapse Analytics destination properties

Pre-copy script

< Previous Next > Cancel



Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

Properties Source Destination Settings Review and finish

Settings

Enter name and description for the copy data task, more options for data movement

Data consistency verification

Fault tolerance

Enable logging

Enable staging

Advanced

Copy method Copy command Bulk Insert Upsert

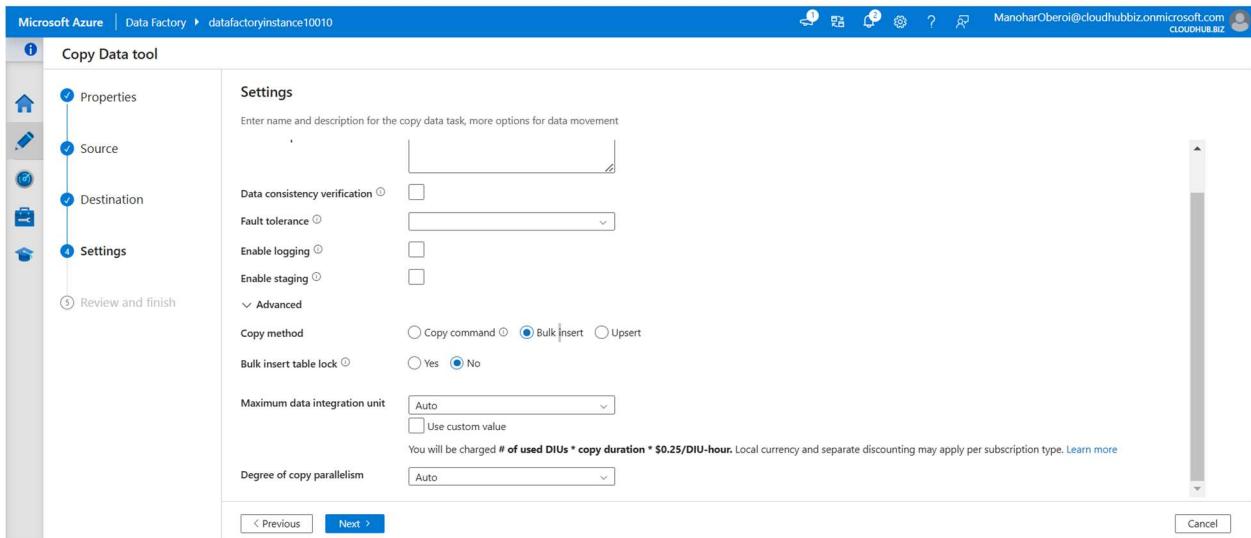
Bulk insert table lock Yes No

Maximum data integration unit Auto Use custom value

Degree of copy parallelism Auto

You will be charged # of used DIUs * copy duration * \$0.25/DIU-hour. Local currency and separate discounting may apply per subscription type. [Learn more](#)

< Previous Next > Cancel



Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

Copy Data tool

Properties Source Destination Settings Review and finish Review Deployment

Summary

You are running pipeline to copy data from Azure SQL Database to Azure Synapse Analytics.

Azure SQL Database → Azure Synapse Analytics

Properties

Task name: copyssqldb

Task description:

Source

Connection name: appdbserver10010_service

Dataset name: SourceDataset_t2r

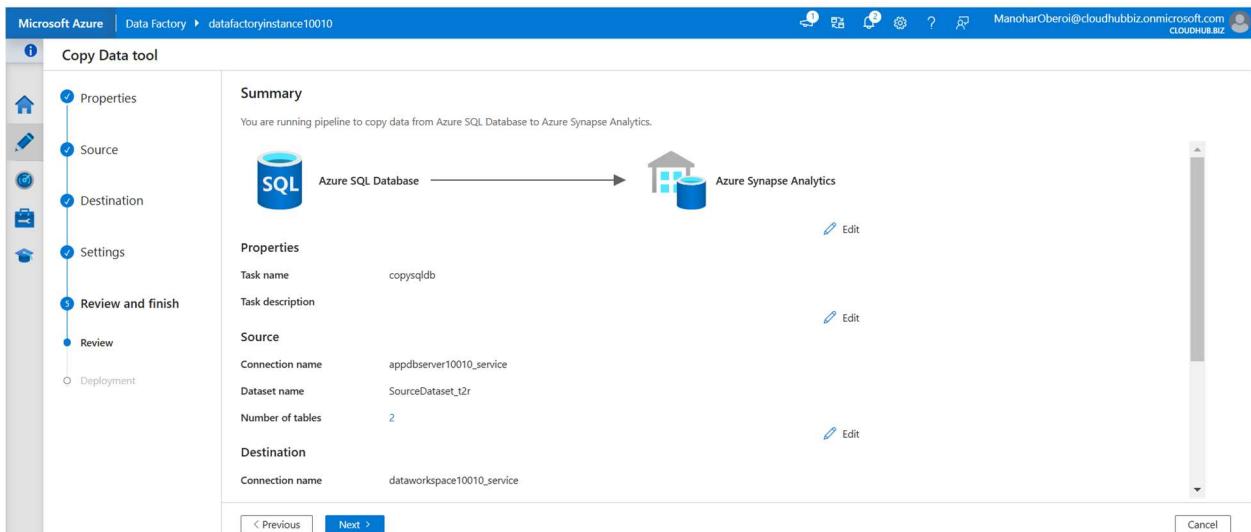
Number of tables: 2

Destination

Connection name: dataworkspace10010_service

Edit Edit Edit

< Previous Next > Cancel



Microsoft Azure | Data Factory > datafactoryinstance10010

ManoharOberoi@cloudhubbiz.onmicrosoft.com
CLOUDHUB.BIZ

Copy Data tool

Properties Source Destination Settings Review and finish Review Deployment

Azure SQL Database → Azure Synapse Analytics

Deployment complete

Deployment step	Status
Validating copy runtime environment	Succeeded
> Creating datasets	Succeeded
> Creating pipelines	Succeeded
> Running pipelines	Succeeded

Datasets and pipelines have been created. You can now monitor and edit the copy pipelines or click finish to close Copy Data Tool.

Finish Edit pipeline Monitor

The screenshot shows the Microsoft Azure Data Factory interface. On the left, the navigation bar includes Home, Author, Monitor, Manage, and Learning Center. The main area displays the 'Factory Resources' section under 'Pipelines'. A pipeline named 'copysql2db' is selected, showing its activities. The 'Activities' pane shows a 'ForEach' loop activity named 'ForEach_t2r'. Inside the loop, there is a 'Copy' activity named 'Copy_t2r'. The 'Parameters' tab is open, showing a parameter named 'cw_items' of type 'Array' with a default value of '[[{"source": "table": "Custom...']'. The top right corner shows 'Preview experience' is turned off.

Microsoft Azure | Data Factory > datafactoryinstance10010

Search factory and documentation

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

Would you like to see Data Factory inside of Microsoft Fabric, Microsoft's newest cloud-first data analytics SaaS platform? Click [here](#) to get started with Fabric Data Factory!

Home Author Monitor Manage Learning Center

Pipeline runs

Triggered Debug Rerun Cancel options Refresh Edit columns List Gantt

Filter by run ID or name Chennai, Kolkata, Mu... Last 24 hours Pipeline name : All Status : All

Runs : Latest runs Triggered by : All Add filter

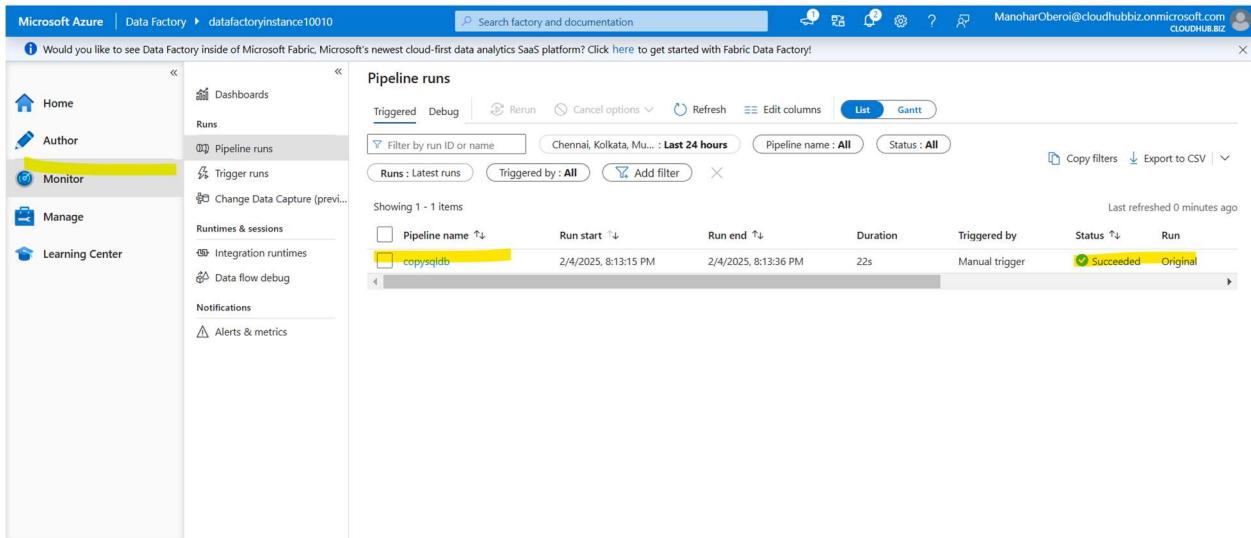
Last refreshed 0 minutes ago

Showing 1 - 1 items

Pipeline name	Run start	Run end	Duration	Triggered by	Status	Run
copyssqldb	2/4/2025, 8:13:15 PM	2/4/2025, 8:13:36 PM	22s	Manual trigger	Succeeded	Original

Copy filters Export to CSV

Alerts & metrics



Open synapse studio

Microsoft Azure | Synapse Analytics > dataworkspace10010

Search

ManoharOberoi@cloudhubbiz.onmicrosoft.com CLOUDHUB.BIZ

We use optional cookies to provide a better experience. [Learn more](#)

Accept Reject More options

Home Data Develop Integrate Monitor Manage

Synapse live Validate all Publish all

Data

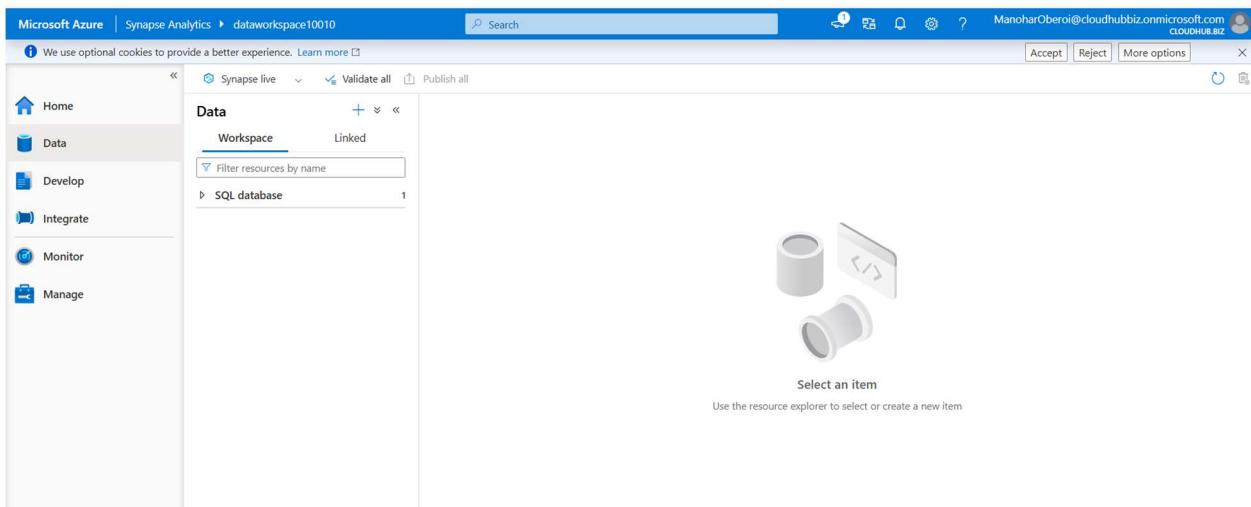
Workspace Linked

Filter resources by name

SQL database 1

Select an item

Use the resource explorer to select or create a new item



Expand sql database & we have Successfully copy the tables from azure sql database to the azure synapse using azure data factory

Microsoft Azure | Synapse Analytics > dataworkspace10010

Search

ManoharOberoi@cloudhubbiz.onmicrosoft.com
cloudhub.biz

We use optional cookies to provide a better experience. Learn more

Accept | Reject | More options

Synapse live | Validate all | Publish all

Data

Workspace Linked

Filter resources by name

SQL database

warehousedb (SQL)

Tables

SalesLT.Customer

Columns

SalesLT.Product

External tables

External resources

Views

Programmability

Schemas

Security

SQL script 1

Other users in your workspace may have access to modify this item. Do not use this item unless you trust all users who may have access to the workspace.

Run Undo Publish Query plan Connect to warehousedb Use database warehousedb

1 SELECT TOP (100) [CustomerID]
2 ,[NameStyle]
3 ,[Title]
4 ,[FirstName]
5 ,[MiddleName]
6 ,[LastName]
7 ,[Suffix]

Results Messages

View Table Chart Export results

Search

CustomerID	NameStyle	Title	FirstName	MiddleName	LastName	Suffix	CompanyName	SalesP
1	False	Mr.	Orlando	N.	Gee	(NULL)	A Bike Store	adven
173	False	Mr.	Rudolph	J.	Dillon	Sr.	Sundry Sportin...	adven
336	False	Mr.	Brian	R	Goldstein	(NULL)	Primary Bike Di...	adven
506	False	Mr.	François	(NULL)	Frerier	(NULL)	Great Bikes	adven

00:00:02 Query executed successfully.

9:15 PM

The screenshot shows the Microsoft Azure Synapse Analytics Data workspace interface. On the left, there's a navigation sidebar with links for Home, Data (which is selected), Develop, Integrate, Monitor, and Manage. The main area is titled 'Data' and shows a 'Workspace' section with a tree view of resources: SQL database (warehousedb), Tables (SalesLT.Customer, SalesLT.Product), and other options like External tables, External resources, Views, Programmability, Schemas, and Security. A 'SQL script 1' tab is open, displaying a simple SELECT query. Below the script, the 'Results' tab is active, showing a table with 5 rows of data. The columns are CustomerID, NameStyle, Title, FirstName, MiddleName, LastName, Suffix, CompanyName, and SalesP. The data includes entries for Orlando Gee, Rudolph Dillon, Brian Goldstein, and François Frerier. At the bottom, a message indicates the query was executed successfully in 00:00:02 at 9:15 PM.