



Home > Resource groups >

## Create a resource group

Basics Tags Review + create

**Resource group** - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Subscription \* ⓘ npnexusiq-1740583673765

Resource group name \* ⓘ rgfractalad

Region \* ⓘ (US) East US

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**rgfractaladf** Resource group

Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete Export template ...

**Overview**

Subscription (move) : npnexusiq-1740583673765 Deployments : [No deployments](#)

Subscription ID : 355c482d-21ed-4c5c-8547-c93ab2220ba5 Location : East US

Tags (edit) : Add tags

**Resources** Recommendations

Filter for any field... Type equals all × Location equals all × Add filter

Showing 0 to 0 of 0 records.  Show hidden types ⓘ

Name ↑ Type ↑ Location ↑

No resources match your filters

Try changing or clearing your filters.

+ Create resources Clear filters Learn more Give feedback



Home > Storage accounts >

## Create a storage account ...

X

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

### Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription \*

Resource group \*  [Create new](#)

### Instance details

Storage account name \*

Region \*  [Deploy to an Azure Extended Zone](#)

Primary service

Performance \*  Standard: Recommended for most scenarios (general-purpose v2 account)  
 Premium: Recommended for scenarios that require low latency.

Redundancy \*

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[Give feedback](#)

Home > Storage accounts >

## Create a storage account ...

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### Security

Configure security settings that impact your storage account.

Require secure transfer for REST API operations

Allow enabling anonymous access on individual containers

Enable storage account key access

Default to Microsoft Entra authorization in the Azure portal

Minimum TLS version

Permitted scope for copy operations (preview)

### Hierarchical Namespace

Hierarchical namespace, complemented by Data Lake Storage Gen2 endpoint, enables file and directory semantics, accelerates big data analytics workloads, and enables access control lists (ACLs) [Learn more](#)

Enable hierarchical namespace

### Access protocols

Blob and Data Lake Gen2 endpoints are provisioned by default [Learn more](#)

Enable SFTP

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[Give feedback](#)

After creating storage account, go to resource



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fractal ...

Container

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Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

Upload

Change access level

Refresh

Delete

Change tier

Acquire lease

Authentication method: Access key (Switch to Microsoft Entra user account)

Location: fractal

Search blobs by prefix (case-sensitive)

Add filter

Name	Modified	Access tier
No results		

## Upload blob

Drag and drop files here  
or  
Browse for files

Overwrite if files already exist

### Advanced

Upload

Give feedback

## Search Azure Data Factory

Home > rgfractaladfd > Marketplace >

### Data Factory

Microsoft



#### Data Factory

Add to Favorites

Microsoft | Azure Service

★ 3.6 (606 ratings)

Plan

Data Factory

Create

Overview Plans Usage Information + Support Ratings + Reviews

Integrate data silos with Azure Data Factory, a service built for all data integration needs and skill levels. Easily construct ETL and ELT processes code-free within the intuitive visual environment, or write your own code. Visually integrate data sources using more than 90+ natively built and maintenance-free connectors at no added cost. Focus on your data - the serverless integration service does the rest.

- No code or maintenance required to build hybrid ETL and ELT pipelines within the Data Factory visual environment
- Cost-efficient and fully managed serverless cloud data integration tool that scales on demand
- Azure security measures to connect to on-premises, cloud-based, and software-as-a-service apps with peace of mind
- SSIS integration runtime to easily rehost on-premises SSIS packages in the cloud using familiar SSIS tools

### Media





Home > rgfractaladf > Marketplace > Data Factory >

## 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 \* ⓘ

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Home > Microsoft.DataFactory-20250305141942 | Overview > rgfractaladf > Marketplace > SQL Database >

## Create SQL Database

Microsoft

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

### 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](#)

### 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](#)

The value must not be empty.

Compute + storage \*    
[Configure database](#)

### Behavior when free offer limit reached

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



Home > Microsoft.DataFactory-20250305141942 | Overview > rgfractaladf > Marketplace > SQL Database > Create SQL Database >

## Create SQL Database Server

Microsoft

### Server details

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 \*  .database.windows.net

Location \*

### 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

Set Microsoft Entra admin \* **Not Selected**  
[Set admin](#)

**OK**



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rgfractaladfd

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^ Essentials

Subscription (move) : npnexusig-1740583673765

Deployments : 3 Succeeded

Subscription ID : 355c482d-21ed-4c5c-8547-c93ab2220ba5

Location : East US

Tags (edit) : Add tags

Resources Recommendations

Filter for any field...

Type equals all

Location equals all

Add filter

Showing 1 to 4 of 4 records.  Show hidden types 

No grouping

List view

 Name ↑

Type ↑

Location ↑

 adffractal

Data factory (V2)

East US

...

 fractaldb

SQL server

East US

...

 fractaldb (fractaldb/fractaldb)

SQL database

East US

...

 safractaladfd

Storage account

East US

...

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&gt; Help

^ Essentials

Resource group (move) : rgfractaladfd

Type : Data factory (V2)

Status : Succeeded

Getting started : Quick start

Location : East US

Subscription (move) : npnexusig-1740583673765

Subscription ID : 355c482d-21ed-4c5c-8547-c93ab2220ba5



## Azure Data Factory Studio

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**Data Factory** > Validate all > Publish all 1

Factory Resources > Pipelines > pipeline1

Activities > Move and transform > Copy data

Copy data1

Properties

- General
  - Name: pipeline1
  - Description:
  - Annotations: + New
- Related

General tab settings:

- Name: Copy data1
- Description:
- Activity state: Activated
- Timeout: 0:12:00
- Retry: 0
- Retry interval (sec): 30

**Data Factory** > Validate all > Publish all 1

Factory Resources > Pipelines > fractaladf\_pipeline

Activities > Move and transform > Copy data

fractal

Properties

- General
  - Name: fractaladf\_pipeline
  - Description:
  - Annotations: + New
- Related

General tab settings:

- Name: fractal
- Description:
- Activity state: Activated
- Timeout: 0:12:00
- Retry: 0
- Retry interval (sec): 30
- Secure output:

**New dataset**

In pipeline activities and data flows, reference a dataset to specify the location and structure of your data within a data store. [Learn more](#)

Select a data store

**Source**

Source dataset \* [Select...](#) [New](#)

All	Azure	Database	File	Generic protocol
<a href="#">Amazon S3</a>	<a href="#">Azure Blob Storage</a>	<a href="#">Azure Cosmos DB for MongoDB</a>	<a href="#">Azure Cosmos DB for NoSQL</a>	<a href="#">Apache Impala</a>
<a href="#">Azure Data Explorer (Kusto)</a>	<a href="#">Azure Data Lake Storage Gen2</a>	<a href="#">Azure Database for MariaDB (Legacy)</a>		
<a href="#">My</a>	<a href="#">Binary</a>	<a href="#">CSV</a>		
<a href="#">Parquet</a>	<a href="#">JSON</a>	<a href="#">ORC</a>		

[Continue](#) [Cancel](#)

**Select format**

Choose the format type of your data

<a href="#">Avro</a>	<a href="#">Binary</a>	<a href="#">DelimitedText</a>
<a href="#">Excel</a>	<a href="#">JSON</a>	<a href="#">ORC</a>
<a href="#">Parquet</a>	<a href="#">XML</a>	

[Continue](#) [Back](#) [Cancel](#)

The screenshot shows the Azure Data Factory pipeline editor interface. A pipeline named "fractaldf\_pipeline" is selected. On the left, the "Activities" pane is open, showing various options like Copy data, Data flow, Synapse, Azure Data Explorer, etc. Two "Copy data" activities are currently selected and highlighted in blue.

**Set properties (Top Pipeline)**

- Name: raw\_music
- Linked service: Select...
- First row as header:

**Set properties (Bottom Pipeline)**

- Name: raw\_music
- Linked service: Select...
- First row as header:

**Source Tab (Top Pipeline)**

Source dataset: Select...

**Source Tab (Bottom Pipeline)**

Source dataset: Select...

At the bottom of each pipeline window, there are "OK", "Back", and "Cancel" buttons.



Screenshot of the Azure Data Factory pipeline editor showing the "Edit linked service" dialog for an "Azure Data Lake Storage Gen2" linked service named "AzureDataLakeStorage\_fractal".

**Edit linked service**

**Azure Data Lake Storage Gen2** Learn more [\[link\]](#)

**AzureDataLakeStorage\_fractal**

**Description**

**Connect via integration runtime** [\[link\]](#)

**AutoResolveIntegrationRuntime**

**Authentication type**

**Account key**

**Account selection method** [\[link\]](#)

**From Azure subscription**  **Enter manually**

**Azure subscription** [\[link\]](#)

**npnexusiq-1740583673765 (355c482d-21ed-4c5c-8547-c93ab2220ba5)**

**Storage account name \***

**safractal**

**Test connection** [\[link\]](#)

**To linked service**  **To file path**

**Annotations**

[\[link\]](#) New

**Parameters**

**Advanced** [\[link\]](#)

**Apply** **Cancel**

**Connection successful** **Test connection**

Screenshot of the Azure Data Factory pipeline editor showing the "New linked service" dialog for an "Azure SQL Database" linked service.

**New linked service**

**Azure SQL Database** Learn more [\[link\]](#)

**Azure subscription**

**npnexusiq-1740583673765 (355c482d-21ed-4c5c-8547-c93ab2220ba5)**

**Server name \***

**fractaldb**

**Database name \***

**fractaldb**

**Authentication type \***

**SQL authentication**

**User name \***

**fractaladmin**

**Password** [\[link\]](#) **Azure Key Vault**

**Password \***

**\*\*\*\*\***

**Always encrypted**

**Encrypt** [\[link\]](#)

**Mandatory**

**Trust server certificate**

**Host name in certificate**

**Additional connection properties**

[\[link\]](#) New

**Create** **Cancel**

**Connection successful** **Test connection**



The screenshot shows the Azure Data Factory interface for managing pipelines and activities.

**Top Panel:** Shows the pipeline name "fractaladf\_pipeline" and the table "music\_table". The "Properties" pane on the right shows the table's name is "music\_table".

**Bottom Panel:** Shows the "Activities" pane with a "Copy data" activity selected. The "Properties" pane on the right shows the pipeline's name is "fractaladf\_pipeline".

**Copy Data Activity Properties:**

Source	Type	Destination	Type
User_ID	abc String	User_ID	abc nvarchar
User_Text	abc String	User_Text	abc nvarchar
Sentiment_Label	abc String	Sentiment_Label	abc nvarchar
Recommended_Song_...	abc String	Recommended_Song_...	abc nvarchar
Song_Name	abc String	Song_Name	abc nvarchar
Artist	abc String	Artist	abc nvarchar



The screenshot shows two separate Azure Data Factory interfaces side-by-side, both titled "fractaladf\_pipeline".

**Top Window (Pipeline Overview):**

- Activities:** A list of available activities including Copy data, Data flow, Synapse, Azure Data Explorer, Azure Function, Batch Service, Databricks, Data Lake Analytics, General, HDInsight, Iteration & conditions, Machine Learning, and Power Query.
- Current Pipeline:** A visual representation of the pipeline showing a single "Copy data" activity named "fractal".
- Properties:** Pipeline details:
  - Name:** fractaladf\_pipeline
  - Description:** (empty)
  - Annotations:** + New
- Output:** Pipeline run ID: 7adfd2a6b-8518-444f-9b0f-82e0bb0aed4, Pipeline status: Succeeded, Run start: 3/5/2025, 3:34:21 PM, Duration: 14s, AutoResolveIntegrationRuntime

**Bottom Window (Table Preview):**

- Object:** music\_table (Azure SQL Database)
- Preview data:** Shows a table with columns: User\_ID, User\_Text, Sentiment\_Label, Recommended\_Song\_ID, Song\_Name, Artist, Genre, and Te (E). The data is as follows:

User_ID	User_Text	Sentiment_Label	Recommended_Song_ID	Song_Name	Artist	Genre	Te (E)
1	U1 Way ball purpose public experience recently realize too.	Sad	S1	Someone Like You	Adele	Pop	67
2	U2 Save officer two myself a.	Happy	S2	Happy	Pharrell Williams	Pop	16
3	U3 Decade ahead everyone environment themselves action health.	Relaxed	S3	Clair de Lune	Debussy	Classical	60
	Best change						