Azure Portal Screenshots

Create a storage account

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 *
Azure for Students

Resource group *
hrflow-rg
Create new

Instance details

Storage account name * ⓘ
hrflowstorageacc

Region * ⓘ
(US) East US
Deploy to an Azure Extended Zone

Primary service ⓘ
Azure Blob Storage or Azure Data Lake Storage Gen 2

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

Redundancy * ⓘ
Locally-redundant storage (LRS)

Previous   Next   Review + create

Give feedback

hrflowstorageacc_1752667539051 | Overview
Deployment

Search   ✕   «   🗑 Delete   ⊘ Cancel   ⬆ Redeploy   ⬇ Download   ⟳ Refresh

- 🔅 Overview
- 🖥 Inputs
- 📄 Outputs
- 📄 Template

✅ **Your deployment is complete**

Deployment name: hrflowstorageacc_1752667539051   Start time: 7/16/2025, 5:35:57 PM
Subscription: Azure for Students   Correlation ID: 5f05381e-d92f-41bd-a0cc-2c8c4de33a46
Resource group: hrflow-rg

∧ Deployment details

Resource	Type	Status	Operation details
✅ hrflowstorageacc/default	Microsoft.Storage/storageAccoun...	OK	Operation details
✅ hrflowstorageacc/default	Microsoft.Storage/storageAccoun...	OK	Operation details
✅ hrflowstorageacc	Microsoft.Storage/storageAccounts	OK	Operation details

∧ Next steps

Go to resource

Give feedback

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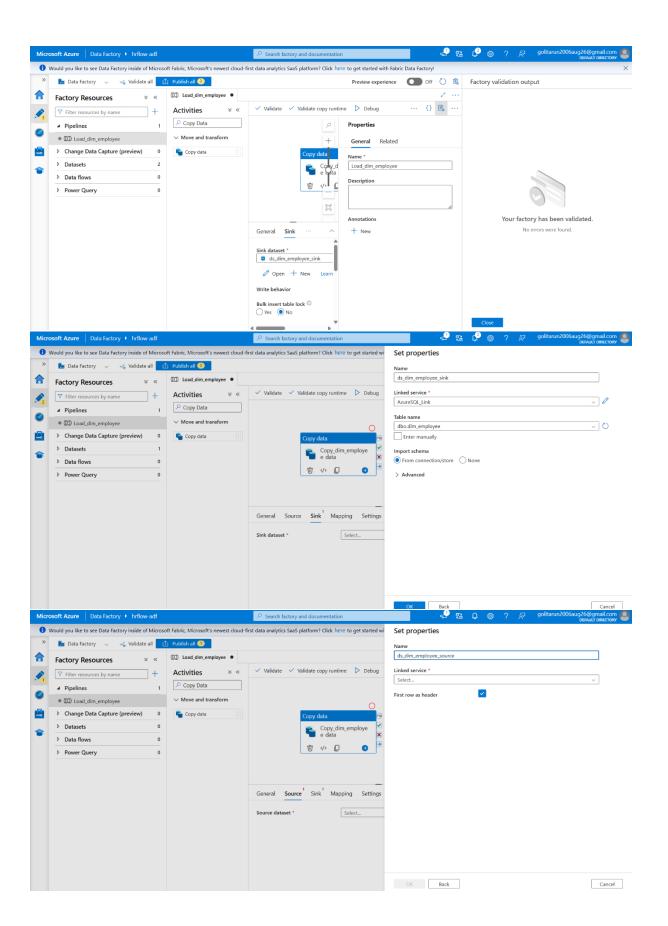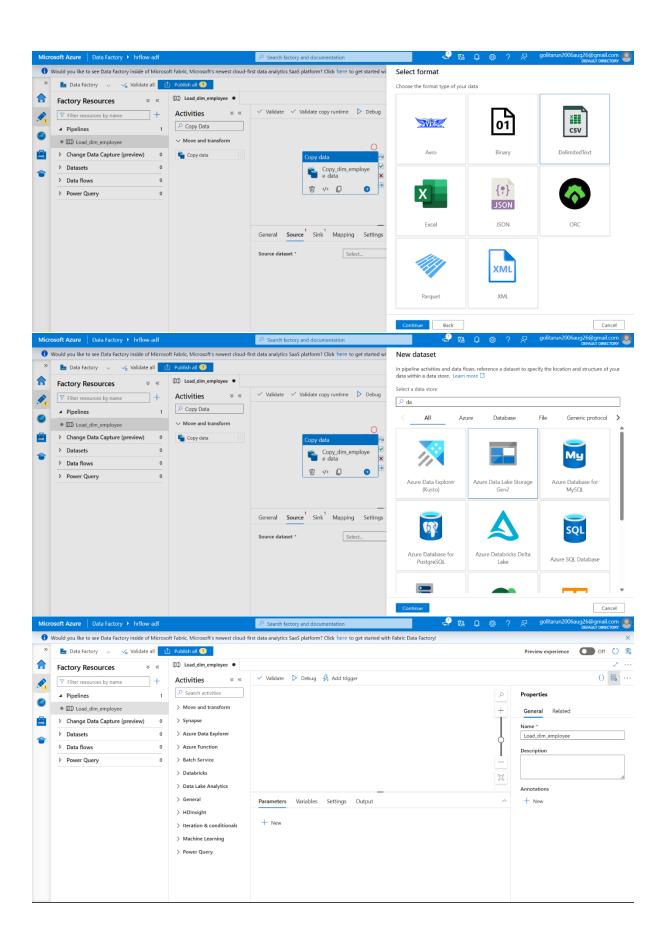Find an Azure expert >

Add or remove favorites by pressing Ctrl+Shift+F

Home > hrflowstorageacc_1752667539051 | Overview > hrflowstorageacc

hrflowstorageacc | Containers ☆ ⋯
Storage account

New container

Name *

hrflowdatalake

Anonymous access level ⓘ

Private (no anonymous access)

ⓘ The access level is set to private because anonymous access is disabled on this storage account.

∨ Advanced

Create   Give feedback

+ Add container   ↑ Upload   ↻ Refresh | 🗑 Delete   🔒 Change access level   ↺ Restore containers ∨   Edit columns

🔍 Search containers by prefix

Showing all 1 items

	Name	Last modified
	📁 $logs	7/16/2025, 5:

- Data migration
- Events
- Storage browser
- Partner solutions
- Resource visualizer
- ∨ Data storage
  - **Containers**
  - File shares
  - Queues
  - Tables
- > Security + networking
- ∨ Data management
  - Storage Actions
  - Redundancy
  - Data protection
  - Blob inventory

Home > hrflowstorageacc_1752667539051 | Overview > hrflowstorageacc | Containers >

hrflowdatalake ⋯
Container

- Overview
- Diagnose and solve problems
- Access Control (IAM)
- > Settings

+ Add Directory   ↑ Upload   ↻ Refresh | 🗑 Delete   📋 Copy   📄 Paste   ▤ Rename   🔑 Acquire lease   🔑 Break lease   Edit columns

📁 hrflowdatalake > 📁 cleaned-data

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

🔍 Search blobs by prefix (case-sensitive)

Only show active objects

Showing all 6 items

	Name	Last modified	Access tier	Blob type	Size	Lease state	
	📁 [..]						⋯
	📄 Attrition_data_cleaned.csv	7/16/2025, 5:50:21 PM	Hot (Inferred)	Block blob	276.24 KiB	Available	⋯
	📄 dim_employee.csv	7/16/2025, 5:50:20 PM	Hot (Inferred)	Block blob	44.46 KiB	Available	⋯
	📄 dim_job.csv	7/16/2025, 5:50:20 PM	Hot (Inferred)	Block blob	941 B	Available	⋯
	📄 dim_satisfaction.csv	7/16/2025, 5:50:20 PM	Hot (Inferred)	Block blob	18.5 KiB	Available	⋯
	📄 dim_time.csv	7/16/2025, 5:50:20 PM	Hot (Inferred)	Block blob	1.7 KiB	Available	⋯
	📄 fact_attrition.csv	7/16/2025, 5:50:21 PM	Hot (Inferred)	Block blob	31.69 KiB	Available	⋯

Screen 1

Microsoft Azure | Data Factory ▸ hrflow-adf

Search factory and documentation

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DEFAULT DIRECTORY

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 | Validate all | Publish all 3

Preview experience Off

Factory validation output

Factory Resources

Filter resources by name

▲ Pipelines — 1
  ● Load_dim_employee
▸ Change Data Capture (preview) — 0
▸ Datasets — 2
▸ Data flows — 0
▸ Power Query — 0

Load_dim_employee

Activities

Copy Data
∨ Move and transform
  Copy data

✓ Validate ✓ Validate copy runtime ▷ Debug

Copy data
Copy_d
e data

General **Sink**

Sink dataset *
ds_dim_employee_sink
Open + New Learn

Write behavior

Bulk insert table lock ⓘ
○ Yes ● No

Properties

General Related

Name *
Load_dim_employee

Description

Annotations
+ New

Your factory has been validated.
No errors were found.

Close

Screen 2

Microsoft Azure | Data Factory ▸ hrflow-adf

Set properties

Name
ds_dim_employee_sink

Linked service *
AzureSQL_Link

Table name
dbo.dim_employee

☐ Enter manually

Import schema
● From connection/store ○ None

▸ Advanced

OK Back Cancel

Screen 3

Microsoft Azure | Data Factory ▸ hrflow-adf

Set properties

Name
ds_dim_employee_source

Linked service *
Select...

First row as header ☑

OK Back Cancel

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Azure Data Factory allows you to configure a Git repository with either Azure DevOps or GitHub. Git is a version control system that allows for easier change tracking and collaboration. Learn more

Set up code repository

Data factory

hrflow-adf

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

No items to show

Your recently opened resources will show up here

Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

golitarun2006aug26@g...
DEFAULT DIRECTORY (GOLITARU...

Home >

Microsoft.DataFactory-20250716175731 | Overview ⋯
Deployment

🔍 Search « ✕

🗑 Delete ⊘ Cancel 📋 Redeploy ⬇ Download ↻ Refresh

👤 **Overview**

📥 Inputs

☰ Outputs

📄 Template

✅ Your deployment is complete

Deployment name : Microsoft.DataFactory-20250716175731
Subscription : Azure for Students
Resource group : hrflow-rg

Start time : 7/16/2025, 6:00:44 PM
Correlation ID : 1320d328-22c4-489a-bd15-54e6404d8bea

⌄ **Deployment details**

	Resource	Type	Status	Operation details
✅	hrflow-adf	Data factory (V2)	OK	Operation details

⌄ **Next steps**

Go to resource

Give feedback

🗨 Tell us about your experience with deployment

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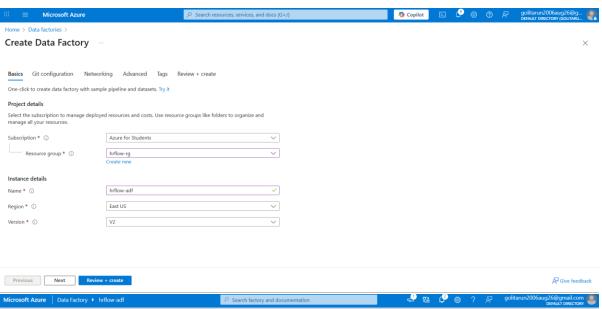
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Create Data Factory

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 *   Azure for Students

Resource group *   hrflow-rg
                        Create new

Instance details

Name *   hrflow-adf

Region *   East US

Version *   V2

Previous   Next   Review + create   Give feedback

Microsoft Azure | Data Factory ▸ hrflow-adf   Search factory and documentation   golitarun2006aug26@gmail.com DEFAULT DIRECTORY

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Data Factory ⌄   Validate all   Publish all 3   Preview experience   Off

Factory Resources   Load_dim_satisfacti...   load_dim_time   Load_fact_attrition

Filter resources by name   Validate   Debug   Add trigger

▲ Pipelines   5
    load_dim_time   Copy data ✓
    Load_dim_employee
    Load_dim_job   Copy_fact_attrition_
    Load_dim_satisfaction   data
  ● Load_fact_attrition
  ▷ Change Data Capture (preview)   0
  ▷ Datasets   10
  ▷ Data flows   0
  ▷ Power Query   0

Parameters   Variables   Settings   Output

Pipeline run ID 31e5b2eb-ecd3-43c6-9ab0-2bcb83bf49dc
Pipeline status ✓ Succeeded   View debug run consumption

All status ⌄   Monitor in Azure Metrics ⬀ ⬇ Export to CSV

Showing 1 - 1 of 1 items

Activity name ↑↓	Activity st... ↑↓	Activit... ↑↓	Run start ↑↓	Durat
Copy_fact_attrition_data	✓ Succeeded	Copy data	7/16/2025, 11:51:50 PM	18s

Properties

General   Related

Name *
Load_fact_attrition

Description

Annotations

+ New

Add role assignment ...

Role   Members•   Conditions   Review + assign

A role definition is a collection of permissions. You can use the built-in roles or you can create your own custom roles. Learn more ⬚

Job function roles   Privileged administrator roles

Grant access to Azure resources based on job function, such as the ability to create virtual machines.

🔍 Key Vault Secrets Officer ✕   Type : **All**   Category : **All**

Name ↑↓	Description ↑↓	Type ↑↓	Category ↑↓	Details
Key Vault Certificates Officer	Perform any action on the certificates of a key vault, except manage permissions. Only works for key vaults that use the 'Azu...	BuiltInRole	Security	View
Key Vault Crypto Officer	Perform any action on the keys of a key vault, except manage permissions. Only works for key vaults that use the 'Azure role...	BuiltInRole	Security	View
Key Vault Data Access Administrator	Manage access to Azure Key Vault by adding or removing role assignments for the Key Vault Administrator, Key Vault Certifi...	BuiltInRole	None	View
Key Vault Secrets Officer	Perform any action on the secrets of a key vault, except manage permissions. Only works for key vaults that use the 'Azure r...	BuiltInRole	Security	View

Showing 1 - 4 of 4 results.

Review + assign   Previous   Next   ⊠ Feedback

HRFlowKeyVault | Overview ...
Deployment

Delete   Cancel   Redeploy   Download   Refresh

✅ Your deployment is complete

Deployment name : HRFlowKeyVault   Start time   : 7/18/2025, 6:08:44 PM
Subscription   : Azure for Students   Correlation ID : 0632a801-5c20-4c92-ab58-7b5656efc987
Resource group   : hrflow-rg

> Deployment details

∨ Next steps

Go to resource

Give feedback

⊠ Tell us about your experience with deployment

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Create a key vault   ...

Azure Key Vault is a cloud service used to manage keys, secrets, and certificates. Key Vault eliminates the need for developers to store security information in their code. It allows you to centralize the storage of your application secrets which greatly reduces the chances that secrets may be leaked. Key Vault also allows you to securely store secrets and keys backed by Hardware Security Modules or HSMs. The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated. In addition, key vault provides logs of all access and usage attempts of your secrets so you have a complete audit trail for compliance.

Project details

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

Subscription *	Azure for Students
Resource group *	hrflow-rg
	Create new

Instance details

Key vault name * ⓘ	HRFlowKeyVault
Region *	East US
Pricing tier * ⓘ	Standard

Recovery options

Previous   Next   **Review + create**

Give feedback

Add role assignment   ...

Role   Members*   Conditions   Review + assign

Selected role	Key Vault Secrets Officer
Assign access to	⦿ User, group, or service principal
	◯ Managed identity
Members	+ Select members

Name	Object ID	Type
No members selected		

Description	Optional

Review + assign   Previous   Next

Select members

Search by name or email address

TG Tarun Goli(Guest)
golitarun2006aug26_gmail.com#EXT#@golitarun2006aug26gmail.onmicros...

Selected members:

TG Tarun Goli(Guest)
golitarun2006aug26_gmail.com#EXT#@golitarun2006aug26gmail.o...

Select   Close

Create a secret

Upload options	Manual
Name * ⓘ	sql-password
Secret value * ⓘ	••••••••
Content type (optional)	
Set activation date ⓘ	☐
Set expiration date ⓘ	☐
Enabled	Yes No
Tags	0 tags

Create   Cancel

HRFlowKeyVault | Secrets ☆ ⋯
Key vault

🔍 secre   + Generate/Import   ↻ Refresh   ↑ Restore Backup   🔗 Manage deleted secrets   </> View sample code

∨ Objects

📋 Secrets

Name	Type	Status	Expiration date
There are no secrets available.			

Add or remove favorites by pressing Ctrl+Shift+F   Give feedback

---

HRFlowKeyVault | Secrets ☆ ⋯
Key vault

✅ Creating the secret 'Storage-Key'.
The secret 'Storage-Key' has been successfully created.

🔍 se   + Generate/Import   ↻ Refresh   ↑ Restore Backup   🔗 Manage deleted secrets   </> View sample code

✖ Diagnose and solve problems

∨ Objects

📋 Secrets

∨ Settings

🛡 Microsoft Defender for Cloud

∨ Monitoring

📊 Diagnostic settings

∨ Help

❓ Support + Troubleshooting

ℹ The secret 'Storage-Key' has been successfully created.

Name	Type	Status	Expiration date
Storage-Key		✓ Enabled	
sql-password		✓ Enabled	
sql-username		✓ Enabled	

Give feedback

Microsoft Azure

Subscriptions
Default Directory (golitarun2006aug26gmail.onmi...

+ Add   📋 Manage Policies   ···

Global administrators can manage all subscriptions in this list by updating their policy setting here.

View list of subscriptions for which you have role-based access control (RBAC) permissions to manage Azure resources. To view subscriptions for which you have billing access, click here.

Showing subscriptions in Default Directory directory. Don't see a subscription? Switch directories

Subscriptions : Filtered (1 of 1)

My role == all
Status == all
+ Add filter

Subscription name ↑↓

Azure for Students   ···

Azure for Students | Resource providers ☆ ···
Subscription

🔍 Register   Unregister   🔄 Refresh   💬 Feedback

🔍 insights   Status : All   Registration Policy : All

Resource visualizer

Cost Management
  💲 Cost analysis
Settings
  Resource groups
  Resources
  Policies
  Resource providers
  Resource locks

Provider ↑	Status	Registration Policy
Microsoft.D365CustomerInsights	⊗ NotRegistered	RegistrationRequired ⓘ
Microsoft.OperationalInsights	⊗ NotRegistered	RegistrationRequired ⓘ
Microsoft.PolicyInsights	⊗ NotRegistered	RegistrationRequired ⓘ
Microsoft.SecurityInsights	⊗ NotRegistered	RegistrationRequired ⓘ
microsoft.insights	⊗ NotRegistered	RegistrationRequired ⓘ

Add or remove favorites by pressing Ctrl+Shift+F

Microsoft Azure | Data Factory ▶ hrflow-adf

🔍 Search factory and documentation

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Dashboards

Runs
  Pipeline runs
  Trigger runs
  Change Data Capture (previ...

Runtimes & sessions
  Integration runtimes
  Data flow debug

Notifications
  ⚠ Alerts & metrics

Alerts & metrics

🔄 Refresh   📊 Metrics   ➕ New alert rule

No re
There are no records to

Configure notification

Notify your team via email and text messages or automate actions using webhooks, runbooks, functions logic apps or integrating with external ITSM solutions.

◉ Create new   ○ Use existing

Action group name *
HrflowActionqrp

Short name *
Hqrp

Notifications	Action type	Actions
NewAction	Email/SMS/Push/Voice	✏ 🗑

➕ Add notification

Add action group   Cancel

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Alerts & metrics

○ Refresh   ▥ Metrics   New alert rule

Configure alert logic

```
0.6
0.5
0.4
0.3
0.2
0.1
  0
    6AM      7AM      8AM      9AM      10AM     11AM
▌ Total
```

Selecting the dimension values will help you filter to the right time series.

Dimension	Values
Name	5 selected ⌄
FailureType	3 selected ⌄

Alert logic

Condition * ⓘ

Greater than ⌄

Time aggregation * ⓘ

Total ⌄

Threshold count * ⓘ

0

Add criteria   Back   Cancel

No re...

There are no records to...

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Alerts & metrics

○ Refresh   ▥ Metrics   New alert rule

ALERT	ENABLED	RESOURCE TYPE	RESOURCES	ACTIONS
Pipeline_Alerts	🔵 On	Pipeline	5	✏ 🗑

Dashboard Screenshots (Power Bi)

Attrition Rate % by JobRole

Job Satisfaction vs Environment Satisfaction

JobSatisfaction	High	Low	Medium	Very High	Total
High	128	100	84	130	442
Low	94	53	55	87	289
Medium	87	47	59	87	280
Very High	144	84	89	142	459
Total	453	284	287	446	1470

Count of AttritionFlag by Education

- 5 (2.11%)
- 31 (13.08%)
- 99 (41.77%)
- 44 (18.57%)
- 58 (24.47%)

Education
- Bachelor
- Master
- College
- Below College
- Doctor

Gender

☑ Select all
■ Female
☐ Male

WorkLifeBalance

☑ Select all
☐ Bad
☐ Best
■ Better
☐ Good

Department ∨

■ Select all
■ Human Resources
■ Research & Development
■ Sales

Working Of The Slicer

Attrition Rate % by JobRole

Architecture Diagram

HR FLOW ARCHITECTURE DIAGRAM

HR Dataset → Data Cleaning → Azure SQL Database → Azure Launch Studio → Power BI