

SQLQuery1.sql - localhost\SQLEXPRESS02.sales (sa (72)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

localhost\SQLEXPRESS02 (SQL Server 16.0.1000 - sa)

- Databases
 - System Databases
 - Database Snapshots
 - sales**
 - Database Diagrams
 - Tables
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Query Store
 - Service Broker
 - Storage
 - Security
- Security
- Server Objects
- Replication
- Management
- XEvent Profiler

SQLQuery1.sql - loc...SS02.sales (sa (72))*

```
CREATE DATABASE sales;
USE sales;
SELECT * FROM pizza_sales;
```

Results Messages

order_details_id	order_id	pizza_id	quantity	order_date	order_time	unit_price	total_price	pizza_size	pizza_category	pizza_ingredients	pizza_name
1	1	hawaiian_m	1	2015-01-01	11:38:36.0000000	13.25	13.25	M	Classic	Sliced Ham, Pineapple, Mozzarella Cheese	The Hawaiian Pizza
2	2	classic_dx_m	1	2015-01-01	11:57:40.0000000	16	16	M	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon	The Classic Deluxe Pizza
3	3	five_cheese_l	1	2015-01-01	11:57:40.0000000	18.5	18.5	L	Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gouda	The Five Cheese Pizza
4	4	ital_sup_l	1	2015-01-01	11:57:40.0000000	20.75	20.75	L	Supreme	Calabrese Salami, Capicolla, Tomatoes, Red Onions	The Italian Supreme Pizza
5	5	mexicana_m	1	2015-01-01	11:57:40.0000000	16	16	M	Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Onion	The Mexicana Pizza
6	6	tha_ckn_l	1	2015-01-01	11:57:40.0000000	20.75	20.75	L	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet Chili	The Thai Chicken Pizza
7	7	ital_sup_m	1	2015-01-01	12:12:28.0000000	16.5	16.5	M	Supreme	Calabrese Salami, Capicolla, Tomatoes, Red Onions	The Italian Supreme Pizza
8	8	prsc_arqlg_l	1	2015-01-01	12:12:28.0000000	20.75	20.75	L	Supreme	Prosciutto di San Daniele, Arugula, Mozzarella Cheese	The Prosciutto and Arugula Pizza
9	9	ital_sup_m	1	2015-01-01	12:16:31.0000000	16.5	16.5	M	Supreme	Calabrese Salami, Capicolla, Tomatoes, Red Onions	The Italian Supreme Pizza
10	10	ital_sup_m	1	2015-01-01	12:21:30.0000000	16.5	16.5	M	Supreme	Calabrese Salami, Capicolla, Tomatoes, Red Onions	The Italian Supreme Pizza
11	11	bbq_ckn_s	1	2015-01-01	12:29:36.0000000	12.75	12.75	S	Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Tomato	The Barbecue Chicken Pizza
12	12	the_greek_s	1	2015-01-01	12:29:36.0000000	12	12	S	Classic	Kalamata Olive, Feta Cheese, Tomatoes, Garlic, Beef	The Greek Pizza
13	13	spinach_supr_s	1	2015-01-01	12:50:37.0000000	12.5	12.5	S	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichoke	The Spinach Supreme Pizza
14	14	spinach_supr_s	1	2015-01-01	12:51:37.0000000	12.5	12.5	S	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichoke	The Spinach Supreme Pizza
15	15	classic_dx_s	1	2015-01-01	12:52:01.0000000	12	12	S	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon	The Classic Deluxe Pizza
16	16	green_garden_s	1	2015-01-01	12:52:01.0000000	12	12	S	Veggie	Spinach, Mushrooms, Tomatoes, Green Olives, Feta Cheese	The Green Garden Pizza
17	0	ital_ckn_l	1	2015-01-01	12:53:01.0000000	20.5	20.5	L	Chicken	Cannelloni, Red Peppers, Tomatoes, Green Olives, Feta Cheese	The Italian Cannelloni Pizza

Query executed successfully.

localhost\SQLEXPRESS02 (16.0.1000 - sa (72)) sales 00:00:00 48,620 rows

Ready

Lin 5 Col 27 Ch 27 INS

ENG IN 12:43 07/01/2024

Create a storage account - Microsoft Azure

portal.azure.com/#create/Microsoft.StorageAccount-ARM

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vivishwandubeygk@gmail.com DEFAULT DIRECTORY (VIVISHWA...)

Home > Storage accounts >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

Subscription * Free Trial

Resource group * (New) vivishwan Create new

Instance details

Storage account name * vivishwanstorage

Region * (US) East US Deploy to an edge zone

Performance * Standard: Recommended for most scenarios (general-purpose v2 account)

Premium: Recommended for scenarios that require low latency.

Review < Previous Next : Advanced > Give feedback

ENG IN 12:46 07/01/2024

vivishwanstorage_1704611819482 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Deployment is in progress...

Deployment name: vivishwanstorage_1704611819482
Subscription: Free Trial
Resource group: vivishwan

Start time: 1/7/2024, 12:47:05 PM
Correlation ID: ce9d306c-0b62-440f-bbc3-643fdac75abf

Deployment details

Resource	Type	Status	Operation details
No results.			

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Find an Azure expert >

ENG IN 12:47 07/01/2024

Microsoft Azure | vivishwanstorage_1704611819482 | Overview

Your deployment is complete

Deployment name: vivishwanstorage_1704611819482
Subscription: Free Trial
Resource group: vivishwan

Start time: 1/7/2024, 12:47:05 PM
Correlation ID: ce9d306c-0b62-440f-bbc3-643fdac75abf

Deployment succeeded
Deployment 'vivishwanstorage_1704611819482' to resource group 'vivishwan' was successful.

Go to resource | Pin to dashboard

Inputs | Outputs | Template

Deployment details | Next steps

Give feedback | Tell us about your experience with deployment

Cost Management | Microsoft Defender for Cloud | Free Microsoft tutorials | Work with an expert

ENG IN 12:47 07/01/2024

vivishwanstorage - Microsoft Azure

vivishwanstorage_1704611819482 | Overview

Storage account

Upload | Open in Explorer | Delete | Move | Refresh | Open in mobile | CLI / PS | Feedback

Resource group (move) : vivishwan
Location : eastus
Primary/Secondary Location : Primary: East US, Secondary: West US
Subscription (move) : Free Trial
Subscription ID : ea8c2f39-2598-4169-bbf8-29a2d2ade2a5
Disk state : Primary: Available, Secondary: Available

Tags (edit) : Add tags

Properties | Monitoring | Capabilities (7) | Recommendations (0) | Tutorials | Tools + SDKs

Blob service | Security | Networking

Hierarchical namespace : Disabled
Default access tier : Hot
Blob anonymous access : Disabled
Blob soft delete : Enabled (7 days)
Container soft delete : Enabled (7 days)
Versioning : Disabled

Require secure transfer for REST API operations : Enabled
Storage account key access : Enabled
Minimum TLS version : Version 1.2
Infrastructure encryption : Disabled

ENG IN 12:47 07/01/2024

vivishwanstorage - Microsoft Azure

portal.azure.com/#@vivishwandubeygk.onmicrosoft.com/resource/subscriptions/ea8c2f39-2598-4169-bbf8-29a2d2ade2a5/resourcegroups/vivishwan/providers/Microsoft...

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

vivishwanstorage_1704611819482 | Overview > vivishwanstorage

vivishwanstorage | Containers

Storage account

Search Container Change access level Restore containers Refresh Delete Give feedback

Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access level	Lease state
\$logs	1/7/2024, 12:47:36 PM	Private	Available

Overview Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration Events Storage browser Storage Mover Data storage Containers File shares Queues Tables Security + networking Networking

ENG IN 12:47 07/01/2024

sql-data-raw - Microsoft Azure

portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2Fea8c2f39-2598-4169-bbf8-29a2d2ade2a5%2Fresou...

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

sql-data-raw | Containers

Container

Search Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

Authentication method: Access key (Switch to Microsoft Entra user account)
Location: sql-data-raw

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
No results						

Shared access tokens Access policy Properties Metadata

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Create Data Factory - Microsoft

portal.azure.com/#create/Microsoft.DataFactory

Microsoft Azure

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vivishwandubeygk@gmail.com

DEFAULT DIRECTORY (VIVISHWA...)

Home > Data factories >

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 Give feedback

ENG IN 12:50 07/01/2024

Microsoft.DataFactory-20240107124947 | Overview

Deployment

Search

Overview Inputs Outputs Template

✓ Your deployment is complete

Deployment name : Microsoft.DataFactory-20240107124947
Subscription : Free Trial
Resource group : vivishwan

Start time : 1/7/2024, 12:50:29 PM
Correlation ID : 337a960f-6a60-44eb-a023-60c0e3e58356

Pin to dashboard Go to resource group

Give feedback Tell us about your experience with deployment

Deployment succeeded Deployment 'Microsoft.DataFactory-20240107124947' to resource group 'vivishwan' was successful.

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A vivishwan-data-factory - Microsoft Edge portal.azure.com/#@vivishwandubeygk@gmail.onmicrosoft.com/resource/subscriptions/ea8c2f39-2598-4169-bbf8-29a2d2ade2a5/resourceGroups/vivishwan/providers/Microsoft...

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vivishwan-data-factory Data factory (V2)

Search Delete

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

Settings Networking Managed identities Properties Locks

Getting started Quick start

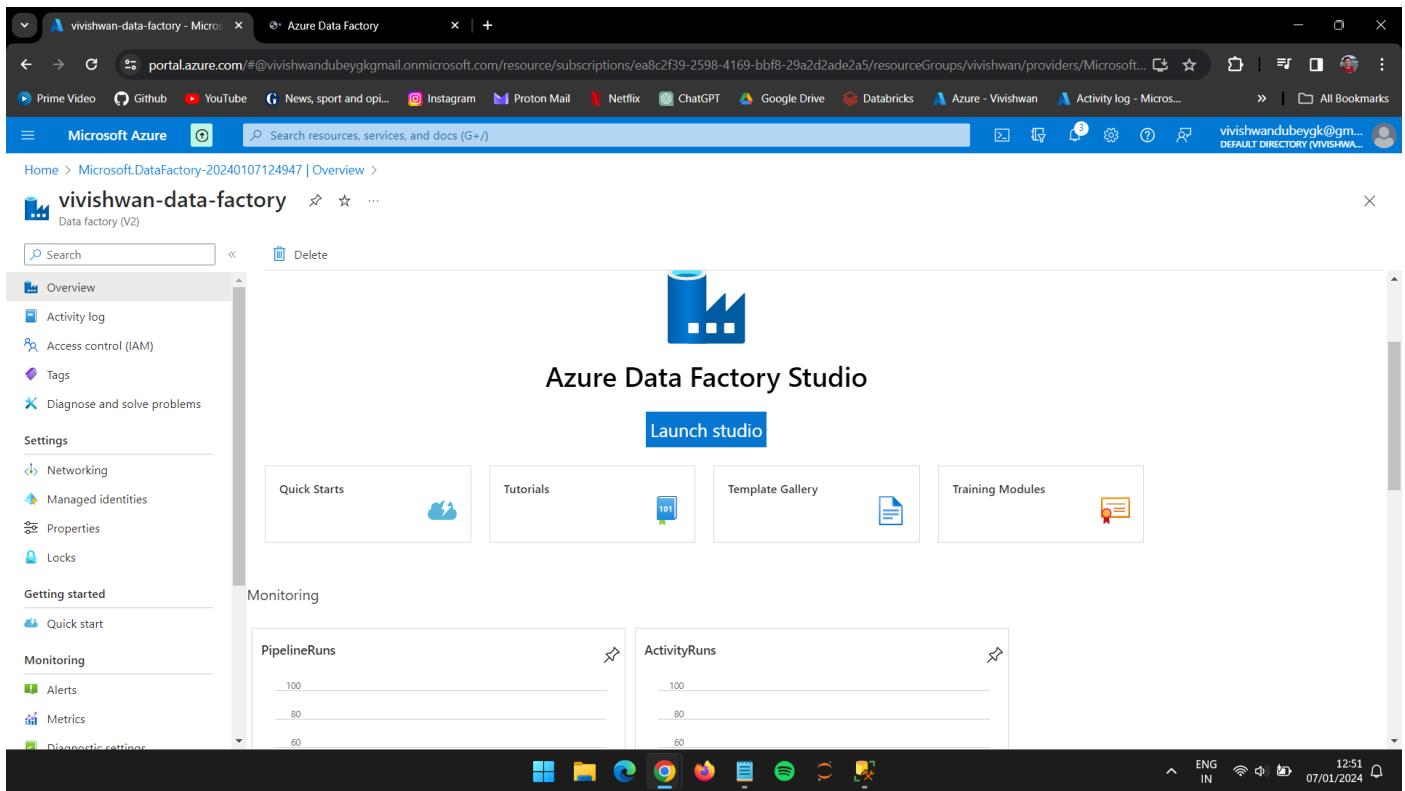
Monitoring Alerts Metrics Diagnostic settings

Quick Starts Tutorials Template Gallery Training Modules

Launch studio

Monitoring PipelineRuns ActivityRuns

ENG IN 12:51 07/01/2024



A vivishwan-data-factory - Microsoft Edge adf.azure.com/en/home?factory=%2Fsubscriptions%2Fea8c2f39-2598-4169-bbf8-29a2d2ade2a5%2FresourceGroups%2Fvivishwan%2Fproviders%2FMicrosoft.DataFactory%2Ffactor...

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Microsoft recently announced the public preview of Microsoft Fabric, a brand new and exciting way to build cloud-first data analytics. Click [here](#) to get started with Fabric Data Factory!

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 vivishwan-data-factory

New ▾

Ingest Copy data at scale once or on a schedule.

Orchestrate Code-free data pipelines.

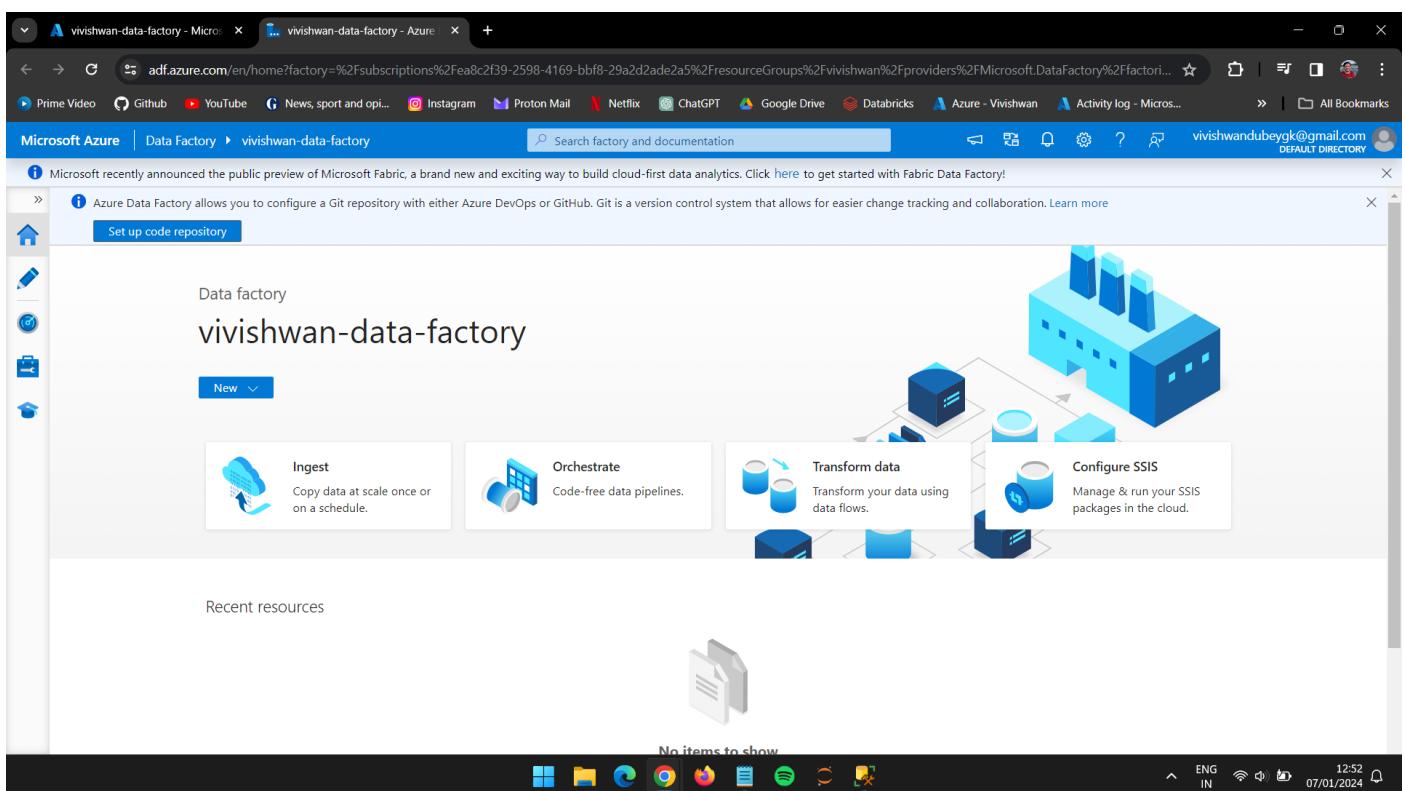
Transform data Transform your data using data flows.

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

Recent resources

No items to show

ENG IN 12:52 07/01/2024



The screenshot shows the Microsoft Azure Data Factory pipeline editor. On the left, the 'Factory Resources' sidebar lists 'Pipelines' (1), 'Change Data Capture (preview)', 'Datasets', 'Data flows', and 'Power Query'. The main workspace is titled 'pipeline1' and contains a list of activities under 'Activities': Move and transform, Synapse, Azure Data Explorer, Azure Function, Batch Service, Databricks, Data Lake Analytics, General, HDInsight, Iteration & conditionals, Machine Learning, and Power Query. A 'Properties' panel on the right shows the pipeline's name as 'pipeline1' and its description as empty. The status bar at the bottom indicates the date as 07/01/2024 and the time as 12:52.

This screenshot shows the same Azure Data Factory pipeline editor interface. The 'Activities' list now includes a 'Copy data' activity, which is highlighted with a red circle. The 'Properties' panel for this activity shows its name as 'Copy data1'. The status bar at the bottom indicates the date as 07/01/2024 and the time as 12:52.

The screenshot shows the Microsoft Azure Data Factory pipeline creation interface. On the left, the 'Factory Resources' sidebar lists 'Pipelines' (1), 'Change Data Capture (preview)', 'Datasets', 'Data flows', and 'Power Query'. The main workspace displays a pipeline named 'pipeline1' with a single 'Copy data' activity. The 'Source' tab of the activity configuration is selected, showing a dropdown menu with 'sql server' typed in. A preview pane on the right shows two data store options: 'Amazon RDS for SQL Server' and 'SQL server'. The bottom status bar indicates the date and time as 07/01/2024 at 12:52.

The screenshot shows the Microsoft Azure Data Factory pipeline creation interface with a modal dialog titled 'Integration runtime setup'. The dialog has tabs for 'Settings', 'Nodes', and 'Auto update'. Under 'Settings', it shows a message: 'Successfully saved' and 'Successfully saved integrationRuntime1 (Integration runtime)'. It also lists 'Name' as 'integrationRuntime1'. Below this, there are two options: 'Option 1: Express setup' (with a link to launch the express setup) and 'Option 2: Manual setup' (with steps to download and install the integration runtime). Step 1: Download and install integration runtime. Step 2: Use this key to register your integration runtime. It shows two keys: 'Key1' and 'Key2', each with a value starting with 'IR@e7c07944-6432-4427-bd3f-c21955f92b9e@vivishwan-data-factory'. The bottom of the dialog has a 'Close' button. The status bar at the bottom indicates the date and time as 07/01/2024 at 12:53.

vivishwan-data-factory - Micro... x vivishwan-data-factory - Azure x Download Microsoft Integration Runtime x +

microsoft.com/en-us/download/details.aspx?id=39717

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Microsoft Integration Runtime

The Microsoft Integration Runtime is a customer managed data integration infrastructure used by Azure Data Factory and Azure Synapse Analytics to provide data integration capabilities across different network environments.

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Select language English [Download](#)

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> Details

Version: 5.36.8726.3	Date Published: 12/7/2023
File Name: IntegrationRuntime_5.32.8600.2.msi IntegrationRuntime_5.34.8675.1.msi IntegrationRuntime_5.35.8686.1.msi	File Size: 945.8 MB 975.7 MB 932.5 MB

The screenshot shows the Microsoft Azure Data Factory Integration Runtime Configuration Manager. On the left, there's a sidebar with icons for Home, Factors, Pipelines, Datasets, and Pools. The main area has a title 'Register Integration Runtime (Self-hosted)'. It includes sections for 'Authentication Key' (a redacted key), 'Show Authentication Key' (checkbox), and 'Learn how to find the Authentication Key'. Below this is an 'HTTP Proxy' section with 'Current Proxy: No proxy' and a 'Change' button. A 'Diagnostic Tool' section with a 'Troubleshoot problems (preview)' button is also present. At the bottom are 'Register' and 'Cancel' buttons. On the right, a modal window titled 'Integration runtime setup' is open, showing tabs for 'Settings', 'Nodes', 'Auto update', 'Sharing', and 'Links'. The 'Settings' tab is selected, displaying instructions to 'Install integration runtime on Windows machine or add further nodes using the Authentication Key.' It shows two entries: 'Option 1: Express setup' (with a link to launch express setup) and 'Option 2: Manual setup'. Under 'Manual setup', there are two rows for 'Name' and 'Authentication key'. The first row contains 'Key1' and 'IR@e7c07944-6432-4427-bd3f-c21955f92b9e@vivishwan-data-factory'. The second row contains 'Key2' and 'IR@e7c07944-6432-4427-bd3f-c21955f92b9e@vivishwan-data-factory'. Each row has a 'Download' and a 'Copy' button. At the bottom of the modal is a 'Close' button.

The screenshot shows the Microsoft Integration Runtime Configuration Manager interface. A yellow banner at the top left indicates an 'UPDATE AVAILABLE' with a link to more information. Below it, a green checkmark icon says 'Self-hosted node is connected to the cloud service'. It displays the following details:

- Data Factory: vivishwan-data-factory
- Integration Runtime: integrationRuntime1
- Node: VIVISHWAN

Buttons include 'Stop Service' and 'Data Source Credential' with options for 'Generate Backup' and 'Import Backup'. A message box at the bottom left says 'Connected to the cloud service (Data Factory V2)'. On the right, the 'Integration runtime setup' pane shows 'Option 1: Express setup' and 'Option 2: Manual setup' with steps for download/installation and key registration.

The screenshot shows the Azure Data Factory pipeline editor. The left sidebar lists 'Factory Resources' including 'Pipelines' (pipeline1), 'Change Data Capture (preview)', 'Datasets', 'Data flows', and 'Power Query'. The main area shows a pipeline named 'pipeline1' with a 'Copy data' activity. A modal dialog is open for creating a new linked service:

- New linked service**: SQL server
- Name**: SqlServer1
- Description**: (empty)
- Connect via integration runtime**: integrationRuntime1 (selected)
- Connection string**: Azure Key Vault
- Server name**: (empty)
- Database name**: (empty)
- Authentication type**: SQL authentication
- User name**: (empty)

At the bottom of the modal are 'Create' and 'Cancel' buttons, and a 'Test connection' link. The status bar at the bottom right shows 'ENG IN' and the date '07/01/2024'.

The screenshot shows the Microsoft Azure Data Factory pipeline configuration interface. On the left, the 'Factory Resources' sidebar lists 'Pipelines' (1), 'Change Data Capture (preview)', 'Datasets', 'Data flows', and 'Power Query'. The main workspace displays a pipeline named 'pipeline1' with a single 'Copy data' activity. The 'Source' tab of the activity configuration is selected, showing a 'Select...' button for choosing the source dataset. To the right, a 'New linked service' dialog is open for a 'SQL server' connection. It includes fields for 'Server name' (localhost\SQLEXPRESS02), 'Database name' (sales), 'Authentication type' (SQL authentication), 'User name' (sa), and 'Password' (*****). A note states: 'The credentials are stored in the machines of self-hosted integration runtime if you don't choose to store them in Azure Key Vault.' Below the connection details are 'Additional connection properties' and buttons for 'Create' and 'Cancel'. A status message at the bottom right indicates 'Connection successful'.

This screenshot shows the 'Set properties' dialog for a dataset named 'SqlServerTable1'. The dialog includes fields for 'Name' (SqlServerTable1), 'Linked service' (SqlServer1), and 'Connect via integration runtime' (IntegrationRuntime1). Under 'Table name', 'dbo.pizza_sales' is selected. There are options for 'Enter manually' and 'Import schema' (set to 'From connection/store'). The 'Advanced' section is collapsed. At the bottom are 'OK', 'Back', and 'Cancel' buttons. The system tray at the bottom right shows the date as 07/01/2024 and the time as 13:04.

The screenshot shows the Microsoft Azure Data Factory pipeline editor. On the left, the 'Factory Resources' sidebar lists 'Pipelines' (1), 'Change Data Capture (preview)' (0), 'Datasets' (1), 'Data flows' (0), and 'Power Query' (0). The main workspace displays a pipeline named 'pipeline1'. A 'Copy data' activity is selected, represented by a blue box labeled 'Copy data1'. The 'Properties' panel on the right shows the pipeline is named 'pipeline1' with no description. The 'Source' tab of the activity configuration pane is active, showing 'Source dataset' set to 'SqlServerTable1', 'Use query' set to 'Table' (selected), 'Query timeout (minutes)' set to 120, and 'Isolation level' set to 'Select...'. The status bar at the bottom indicates the date as 07/01/2024.

This screenshot is identical to the one above, showing the Microsoft Azure Data Factory pipeline editor. It displays the same pipeline 'pipeline1' with a selected 'Copy data' activity named 'Copy data1'. The 'Properties' panel and the 'Source' tab of the activity configuration pane are also identical, showing the source dataset as 'SqlServerTable1' and other configuration details. The status bar at the bottom indicates the date as 07/01/2024.

Microsoft Azure | Data Factory > vivishwan-data-factory

Search factory and documentation

Preview experience: Off

Properties: General, Related

Name: pipeline1

Description:

Annotations: New

Linked service: SqlServer1

Object: dbo.pizza_sales

Pipelines: pipeline1

Activities: Change Data Capture (preview), Datasets, Data flows, Power Query

Preview data:

	order_details_id	order_id	pizza_id	quantity	order_date	order_time	unit_price	total_price
1	1	1	hawaiian_m	1	01/01/2015	11:38:36	13.25	13.25
2	2	2	classic_dlx_m	1	01/01/2015	11:57:40	16.0	16.0
3	3	2	five_cheese_l	1	01/01/2015	11:57:40	18.5	18.5

ENG IN 13:06 07/01/2024

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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

Search

All, Azure, Database, File, Generic protocol, NoSQL, Services and apps

Copy data

Copy data1

Sink dataset: Select...

Azure Blob Storage, Azure Cosmos DB for MongoDB, Azure Cosmos DB for NoSQL

Azure Data Explorer (Kusto), Azure Data Lake Storage Gen1, Azure Data Lake Storage Gen2

Continue, Cancel

ENG IN 13:09 07/01/2024

The screenshot shows the Microsoft Azure Data Factory pipeline editor. On the left, the 'Factory Resources' sidebar lists 'Pipelines' (1), 'Datasets' (1), and 'Data flows' (0). The main area displays 'pipeline1' with a 'Copy data' activity selected. A modal window titled 'New linked service' is open, prompting for 'Name' (AzureBlobStorage1) and 'Description'. Under 'Connect via integration runtime', 'AutoResolveIntegrationRuntime' is selected. The 'Authentication type' is set to 'Account key'. The 'Connection string' dropdown is set to 'Azure Key Vault'. The 'Account selection method' is set to 'From Azure subscription', with 'Free Trial (ea8c2f39-2598-4169-bbf8-29a2d2ade2a5)' selected. The 'Storage account name' is 'vivishwanstorage'. A 'Create' button is at the bottom right of the modal.

This screenshot is identical to the one above, but it includes a success message in the top right corner of the modal: 'Successfully created AzureblobStorage1 (Linked service)' with a green checkmark icon.

Microsoft Azure | Data Factory > vivishwan-data-factory

Search factory and documentation

Set properties

Name: DelimitedText1

Linked service: AzureBlobStorage1

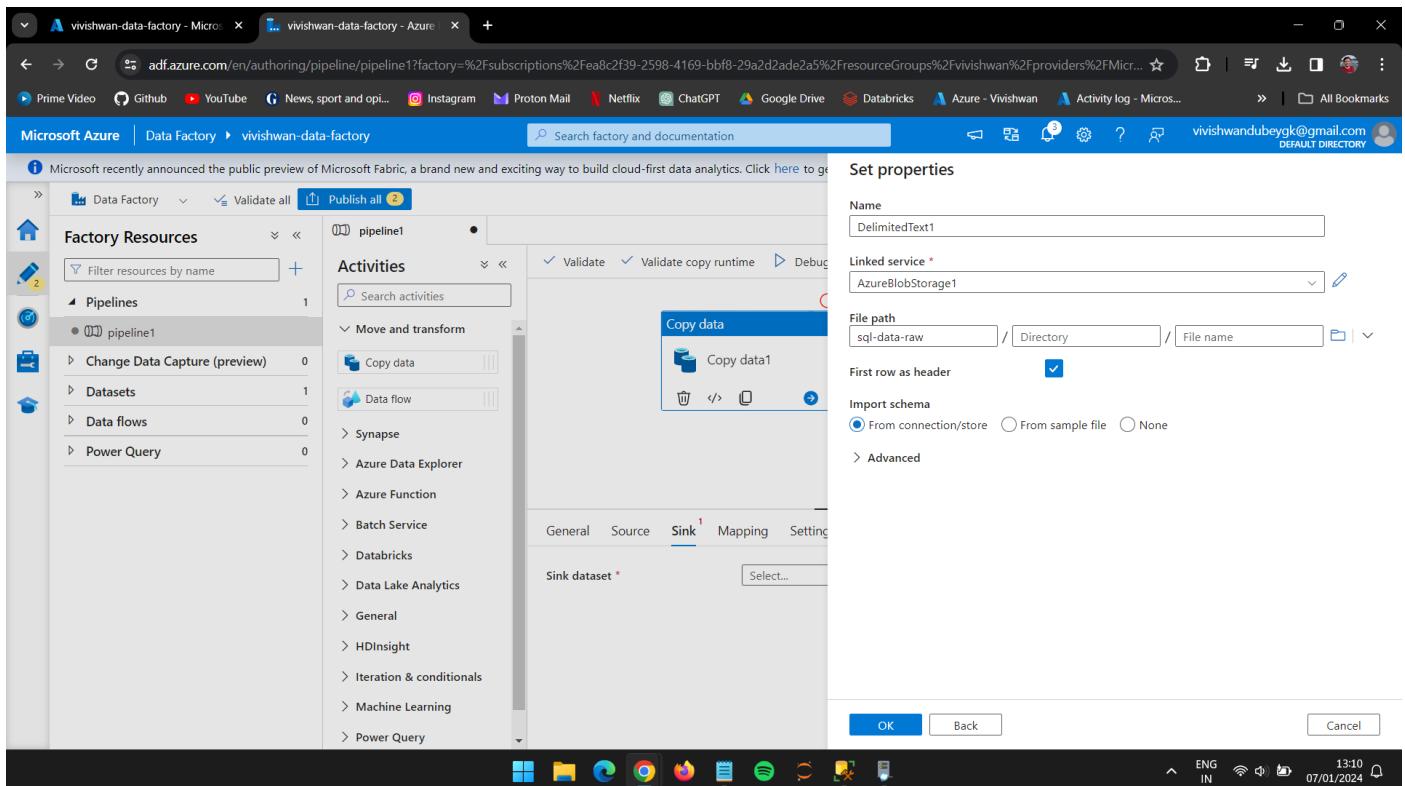
File path: sql-data-raw / Directory / File name

First row as header:

Import schema: From connection/store From sample file None

Advanced

OK Back Cancel



Microsoft Azure | Data Factory > vivishwan-data-factory

Search factory and documentation

Publish all

You are about to publish all pending changes to the live environment. [Learn more](#)

Pending changes (3)

NAME	CHANGE	EXISTING
pipelinel	(New)	-
SqlServerTable1	(New)	-
DelimitedText1	(New)	-

General Source Sink Mapping Setting

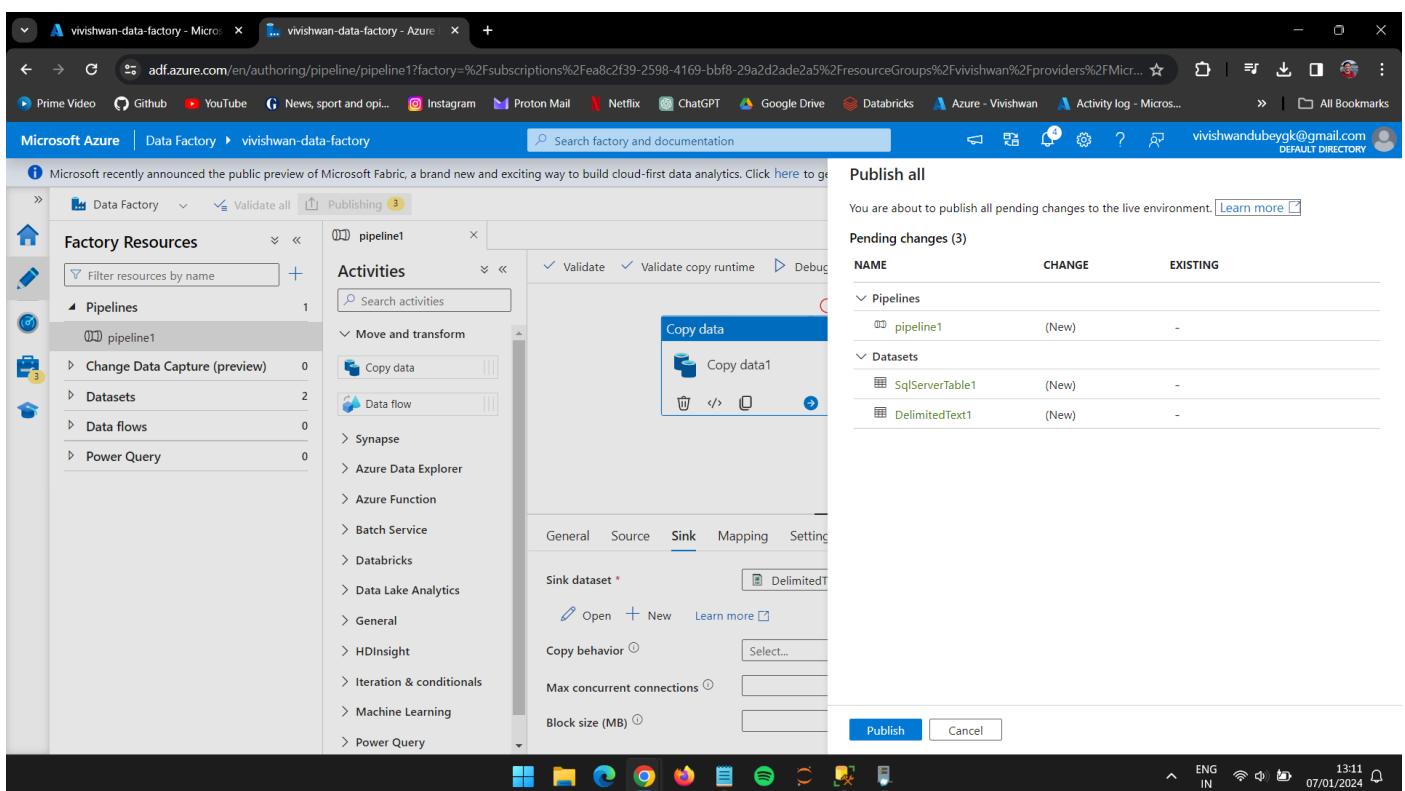
Sink dataset: DelimitedText1

Copy behavior: Select...

Max concurrent connections:

Block size (MB):

Publish Cancel



The screenshot shows the Microsoft Azure Data Factory pipeline run interface. On the left, the 'Factory Resources' sidebar lists 'Pipelines' (1), 'Change Data Capture (preview)' (0), 'Datasets' (2), 'Data flows' (0), and 'Power Query' (0). The main area displays 'pipeline1'. Under 'Activities', a 'Copy data' activity named 'Copy data1' is selected. The 'Sink' tab is active, showing settings for 'Sink dataset' (DelimitedText1), 'Copy behavior' (Select...), 'Max concurrent connections' (1), and 'Block size (MB)' (1). A 'Pipeline run' panel on the right shows a warning to 'Trigger pipeline now using last published configuration.' Below it is a 'Parameters' section with a table for 'Name', 'Type', and 'Value'. The status bar at the bottom indicates 'ENG IN' and the date '07/01/2024'.

This screenshot is similar to the one above, showing the Microsoft Azure Data Factory pipeline run interface. The 'Run Succeeded' message 'Successfully ran pipeline1 (Pipeline). View pipeline run' is displayed in a toast notification. The pipeline run details and activity configuration are visible, along with the status bar indicating 'ENG IN' and the date '07/01/2024'.

vivishwan-data-factory - Microsoft Azure | vivishwan-data-factory - Azure | +

adf.azure.com/en/monitoring/pipelineruns?factory=%2Fsubscriptions%2Fea8c2f39-2598-4169-bbf8-29a2d2ade2a5%2FresourceGroups%2Fvivishwan%2Fproviders%2FMicrosoft...

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Microsoft recently announced the public preview of Microsoft Fabric, a brand new and exciting way to build cloud-first data analytics. Click [here](#) to get started with Fabric Data Factory!

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	Parameters
pipeline1	1/7/2024, 1:12:22 PM	1/7/2024, 1:12:38 PM	17s	Manual trigger	Succeeded	Original	

Copy filters Export to CSV

ENG IN 13:13 07/01/2024

sql-data-raw - Microsoft Azure | vivishwan-data-factory - Azure | +

portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2Fea8c2f39-2598-4169-bbf8-29a2d2ade2a5%2F...

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

Home > Storage accounts > vivishwanstorage | Containers >

sql-data-raw Container

Search

Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

Authentication method: Access key (Switch to Microsoft Entra user account)
Location: sql-data-raw

Search blobs by prefix (case-sensitive)

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
dbo.pizza_sales.txt	1/7/2024, 1:12:35 PM	Hot (Inferred)		Block blob	8.73 MiB	Available

https://portal.azure.com/#

ENG IN 13:15 07/01/2024

The screenshot shows the Azure Storage account interface. On the left, the 'sql-data-raw' container is selected. In the center, the blob 'dbo.pizza_sales.txt' is displayed. The blob properties are listed as follows:

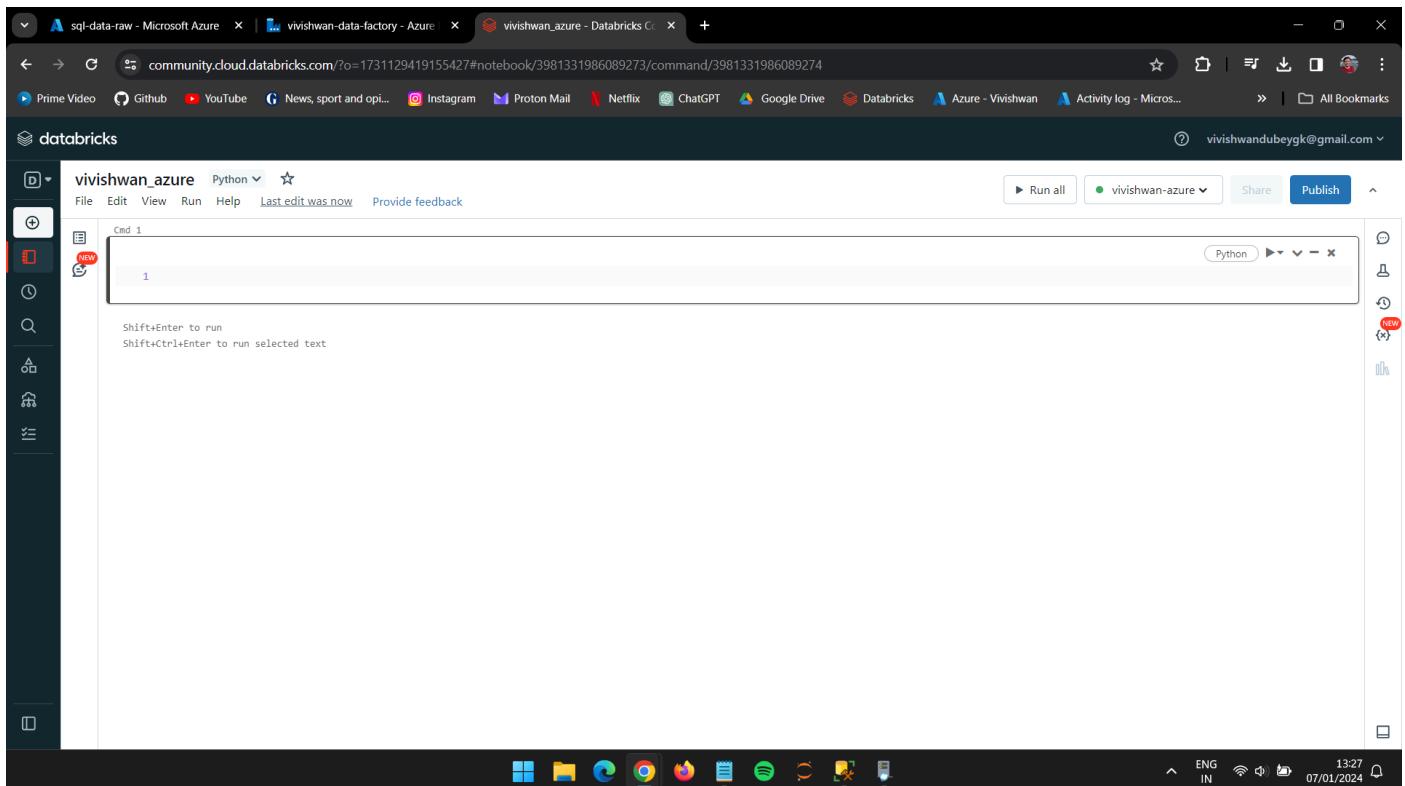
Property	Value
URL	https://vivishwanstorage.blob.core.windows.net/sql-data-raw/dbo.pizza_sales.txt
LAST MODIFIED	1/7/2024, 1:12:35 PM
CREATION TIME	1/7/2024, 1:12:35 PM
VERSION ID	-
TYPE	Block blob
SIZE	8.73 MiB
ACCESS TIER	Hot (Inferred)
ACCESS TIER LAST MODIFIED	N/A
ARCHIVE STATUS	-
REHYDRATE PRIORITY	-
SERVER ENCRYPTED	true
ETAG	0x8DC0F5437341453
VERSION-LEVEL IMMUTABILITY POLICY	Disabled
CACHE-CONTROL	[redacted]
CONTENT-TYPE	application/octet-stream
CONTENT-MD5	[redacted]

The status bar at the bottom right shows: ENG IN 13:16 07/01/2024.

The screenshot shows the Databricks Compute creation interface. The 'New compute' section is active, showing the following configuration:

- Compute name:** vivishwan-azure
- Databricks runtime version:** Runtime: 12.2 LTS (Scala 2.12, Spark 3.3.2)
- Instance:** Free 15 GB Memory. As a Community Edition user, your compute will automatically terminate after an idle period of one or two hours. For more configuration options, please [upgrade your Databricks subscription](#).
- Instances:** Spark

The status bar at the bottom right shows: ENG IN 13:18 07/01/2024.



Screenshot of the Microsoft Azure portal showing the 'Storage accounts' section for the 'vivishwanstorage' account.

The page title is 'vivishwanstorage | Access keys'.

Key details from the screenshot:

- Storage account name:** vivishwanstorage
- Access keys:**
 - key1**: Last rotated: 1/7/2024 (0 days ago). Key value: Ez6iYB9qeGjLXXT80163cwVFRq3p7iJnIRQ9Lnrs8zAn5jOTUMEldj/pTRqs0Yt+u00x...
 - key2**: Last rotated: 1/7/2024 (0 days ago). Key value: *****
- Connection string:** *****

The left sidebar shows other storage account management options like Containers, File shares, Queues, and Tables.

vivishwanstorage - Microsoft Edge | vivishwan-data-factory - Azure | vivishwan_azure - Databricks | +

community.cloud.databricks.com/?o=1731129419155427#notebook/3981331986089273/command/3981331986089275

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vivishwan_azure Python

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Run all Share Publish

Cmd 1

```
1  ### mount databricks with the cloud storage account in Azure.
2  ### vivishwanstorage sql-data-raw
3

Command took 0.05 seconds -- by vivishwandubeygk@gmail.com at 1/7/2024, 1:49:38 PM on vivishwan-azure
```

Cmd 2

```
1  # dbutils.fs.mount(
2  #     source = "wasbs://sql-data-raw@vivishwanstorage.blob.core.windows.net",
3  #     mount_point = "/mnt/sql-data-raw2",
4  #     extra_configs = {"fs.azure.account.key.vivishwanstorage.blob.core.windows.net": "Ez6IYB9qejGjLXXT80163cwVFRq3p7iJn1RQ9LNr58zAn5jOTUMEldJpTRqs0Yt+u00xxltA3vbM+AStoqAgIw==1"}
5  #
6  containerName = 'sql-data-raw'
7  storageAccount = 'vivishwanstorage'
8  sasKey = '?sv=2022-11-02&s=bfqt&srt=scossp=rwdlacupiytfx&se=2024-01-07T16:17:41Z&st=2024-01-07T08:17:41Z&spr=https&sig=wC3AZznwJBHDQbEMnhcxJLOn4RtkqxG3LSPnP%2FGenM%3D'
9  dbutils.fs.mount(
10    source = f"wasbs://{containerName}@{storageAccount}.blob.core.windows.net",
11    mount_point = "/mnt/a",
12    extra_configs = {"fs.azure.sas.{containerName}.{storageAccount}.blob.core.windows.net": sasKey}
13 )
14

Out[4]: True
```

Command took 12.31 seconds -- by vivishwandubeygk@gmail.com at 1/7/2024, 1:48:46 PM on vivishwan-azure

ENG IN 13:49 07/01/2024

Cmd 2

```
1  # dbutils.fs.mount(
2  #     source = "wasbs://sql-data-raw@vivishwanstorage.blob.core.windows.net",
3  #     mount_point = "/mnt/sql-data-raw2",
4  #     extra_configs = {"fs.azure.account.key.vivishwanstorage.blob.core.windows.net": "Ez6IYB9qejGjLXXT80163cwVFRq3p7iJn1RQ9LNr58zAn5jOTUMEldJpTRqs0Yt+u00xxltA3vbM+AStoqAgIw==1"}
5  #
6  containerName = 'sql-data-raw'
7  storageAccount = 'vivishwanstorage'
8  sasKey = '?sv=2022-11-02&s=bfqt&srt=scossp=rwdlacupiytfx&se=2024-01-07T16:17:41Z&st=2024-01-07T08:17:41Z&spr=https&sig=wC3AZznwJBHDQbEMnhcxJLOn4RtkqxG3LSPnP%2FGenM%3D'
9  dbutils.fs.mount(
10    source = f"wasbs://{containerName}@{storageAccount}.blob.core.windows.net",
11    mount_point = "/mnt/a",
12    extra_configs = {"fs.azure.sas.{containerName}.{storageAccount}.blob.core.windows.net": sasKey}
13 )
14

Out[4]: True
```

Command took 12.31 seconds -- by vivishwandubeygk@gmail.com at 1/7/2024, 1:48:46 PM on vivishwan-azure

Cmd 5

```
1  ### creating a dataframe now, using Spark.
2  ### 'dbfs:/mnt/a/dbo.pizza_sales.txt'
3
4  df = spark.read.format("csv").options(header='True', inferSchema='True').load('dbfs:/mnt/a/dbo.pizza_sales.txt')

▶ (2) Spark Jobs
▶ df: pyspark.sql.dataframe.DataFrame = [order_details_id: integer, order_id: integer ... 10 more fields]
```

Command took 22.75 seconds -- by vivishwandubeygk@gmail.com at 1/7/2024, 1:53:56 PM on vivishwan-azure

Cmd 3

```
1  ### checking files now
2  dbutils.fs.ls("/mnt/a")
```

Out[6]: [FileInfo(path='dbfs:/mnt/a/dbo.pizza_sales.txt', name='dbo.pizza_sales.txt', size=9152440, modificationTime=1704613355000)]

Command took 1.02 seconds -- by vivishwandubeygk@gmail.com at 1/7/2024, 1:50:57 PM on vivishwan-azure

Cmd 6

```
1  display(df)
```

▶ (1) Spark Jobs

Table +

	order_details_id	order_id	pizza_id	quantity	order_date	order_time	unit_price	total_price	pizza_size
1	1	1	hawaiian_m	1	2015-01-01T00:00:00.000+0000	2024-01-07T11:38:36.000+0000	13.25	13.25	M
2	2	2	classic_dlx_m	1	2015-01-01T00:00:00.000+0000	2024-01-07T11:57:40.000+0000	16	16	M
3	3	2	five_cheese_l	1	2015-01-01T00:00:00.000+0000	2024-01-07T11:57:40.000+0000	18.5	18.5	L
4	4	2	ital_supr_l	1	2015-01-01T00:00:00.000+0000	2024-01-07T11:57:40.000+0000	20.75	20.75	L
5	5	2	mexicana_m	1	2015-01-01T00:00:00.000+0000	2024-01-07T11:57:40.000+0000	16	16	M
6	6	2	thai_ckn_l	1	2015-01-01T00:00:00.000+0000	2024-01-07T11:57:40.000+0000	20.75	20.75	L
7	7	3	ital_suor_m	1	2015-01-01T00:00:00.000+0000	2024-01-07T12:12:28.000+0000	16.5	16.5	M

9,629 rows | Truncated data | 4.52 seconds runtime

Refreshed now

Command took 4.52 seconds -- by vivishwandubeygk@gmail.com at 1/7/2024, 1:54:47 PM on vivishwan-azure