

Uploader

**Backend**

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Record of Release

|  |  |  |  |  |  |
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| **Version No.** | **Modified By** | **Reviewed By** | **Authorized By** | **Release Date** | **Modification Done** |
| 1.0 | Kshitij Mawale |  |  |  | Created complete document |
| 2.0 | Sirichandana Godavarthi |  |  | 27.09.2024 | Added SQL setup |

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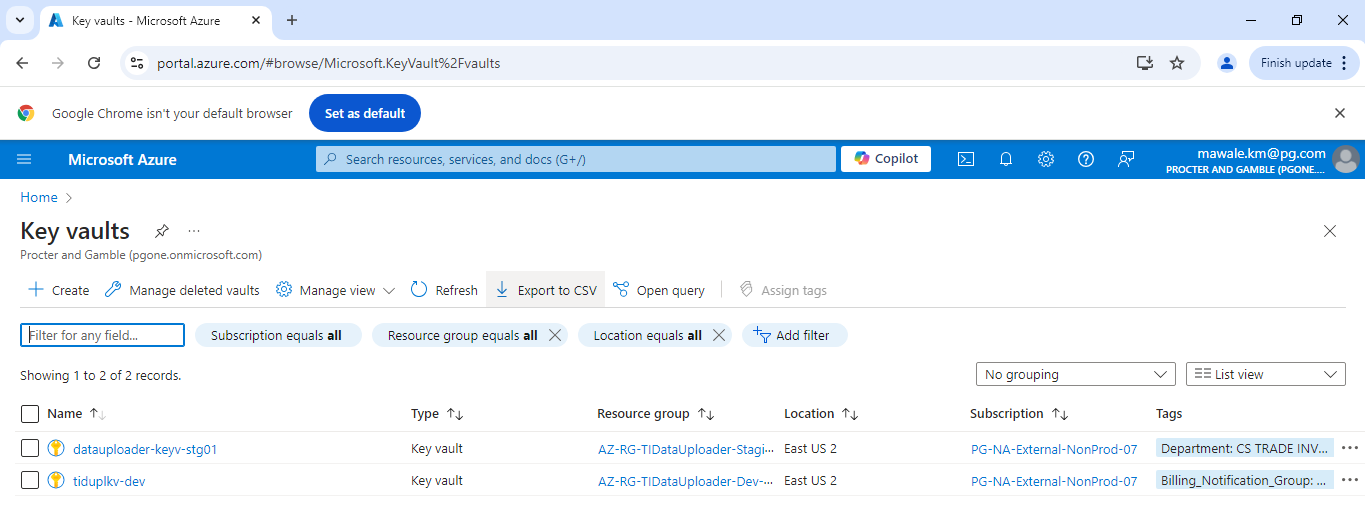
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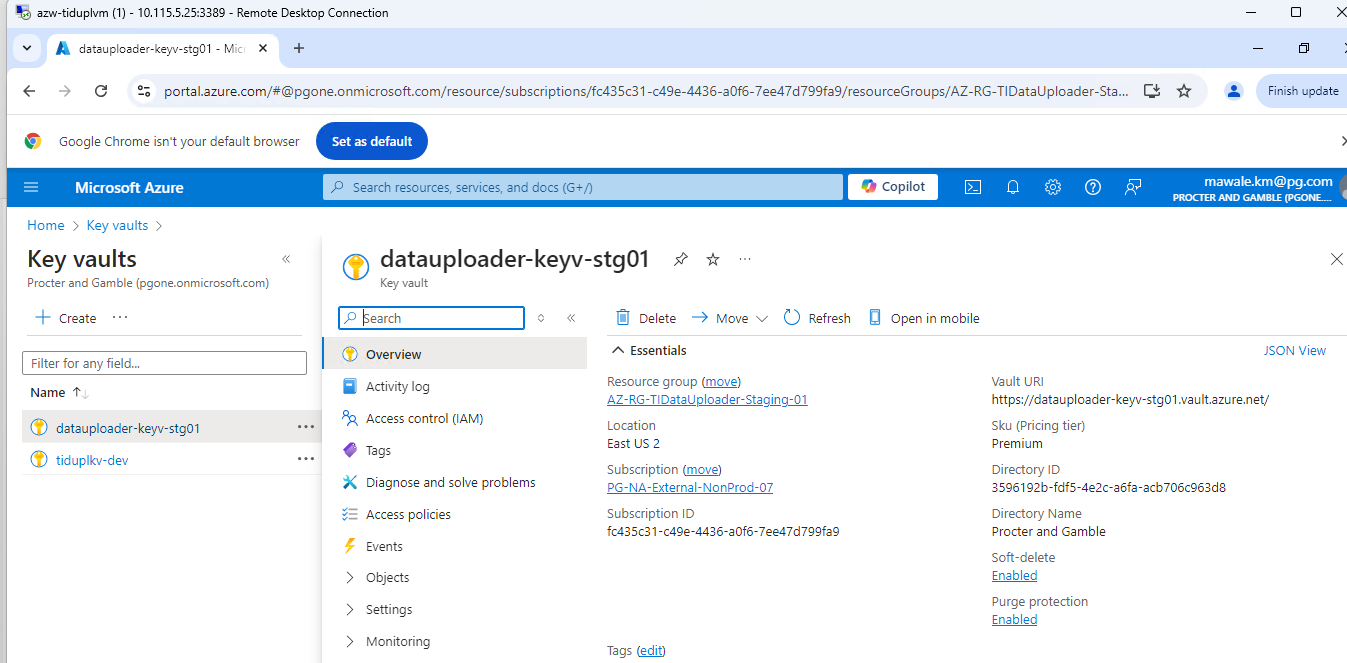
# Key vault Configurations

**For setting up key vaults and secret values following steps need to be created**

Step 1. Search for keyvaults in azure portal

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Step 2. Select desired environment, we are selecting Stage for eg.

****

Step 3. Open object item on left pane and select secret

**A screenshot of a computer

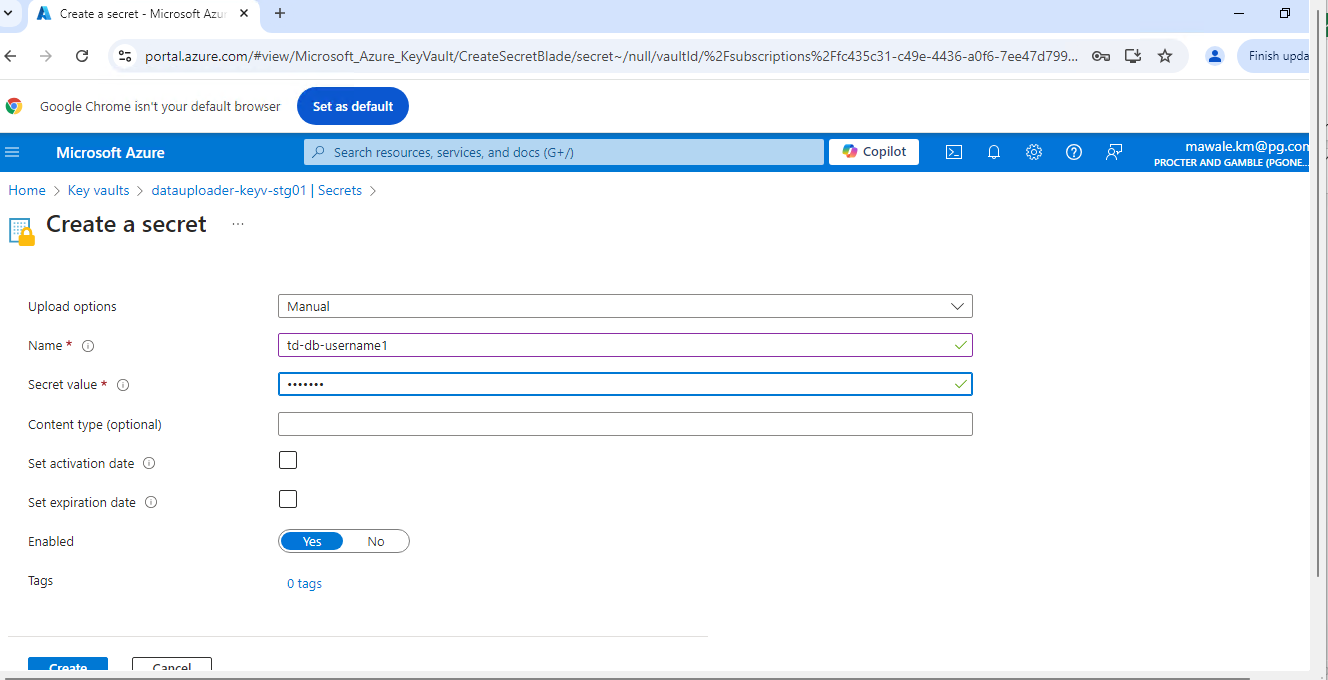
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Step 4. Select Generate/ import

**A screenshot of a computer

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Step 5: Provide the secret name and value

****

Step 6: Click on create

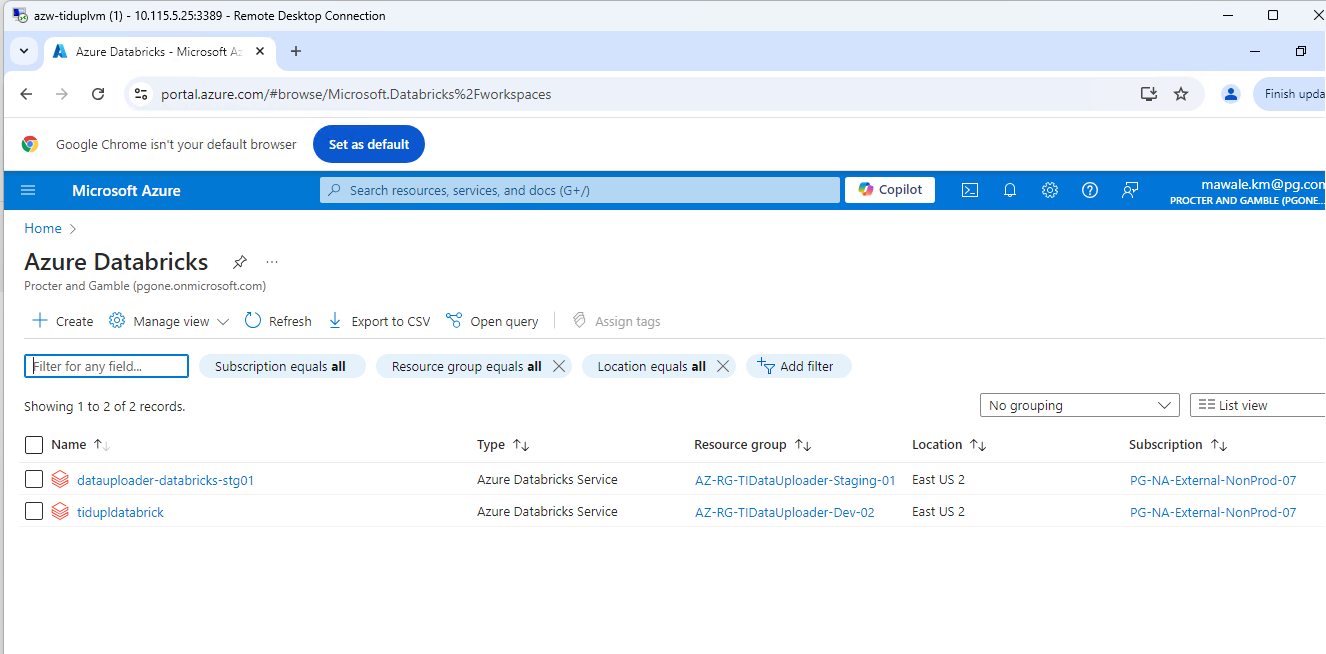
**A close-up of a computer screen

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Similarly every secret which is required can be created by same steps, only the difference is values provided needs to be according to the secret.

# Setting up Azure Data Bricks

Step 1: login to azure portal and select azure data bricks.

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Step 2: Select Desired data bricks environment and click on Launch

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Step 3. First scope needs to be created in ADB,

First go to https://<databricks-instance>#secrets/createScope. Replace <databricks-instance> with the [workspace URL](https://learn.microsoft.com/en-us/azure/databricks/workspace/workspace-details#workspace-url) of your Azure Databricks deployment. This URL is case sensitive (scope in createScope must be uppercase).

Step 4: Enter the name of the secret scope. Secret scope names are case insensitive.

Step 5: Use the Manage Principal drop-down to specify whether *All Users* have MANAGE permission for this secret scope or only the *Creator* of the secret scope (that is to say, you).

Step 6: Enter the DNS Name (for example, <https://databrickskv.vault.azure.net/>) and Resource ID and click on create.

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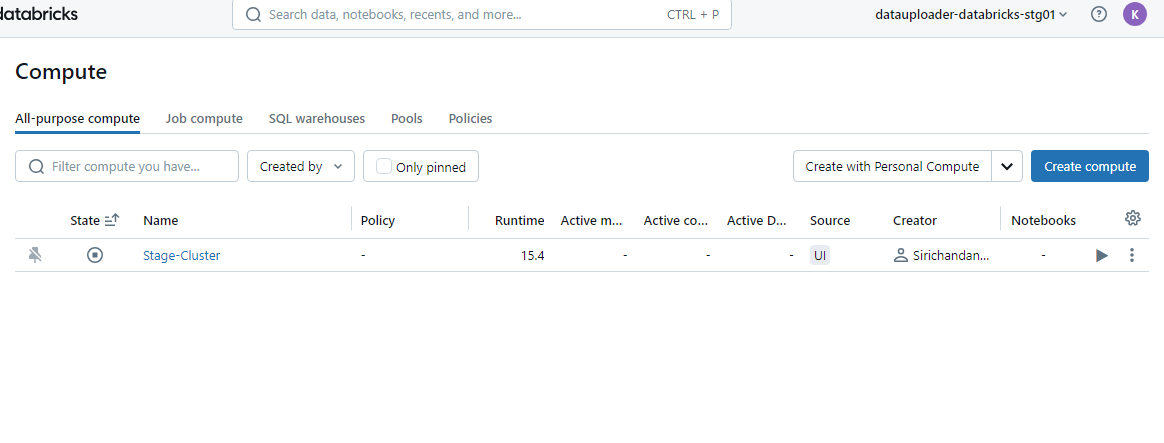
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Step 7: After this cluster needs to be created, click on compute and on right hand side click on create compute

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Step 8: now provide cluster name and other configuration as required, now cluster is created.



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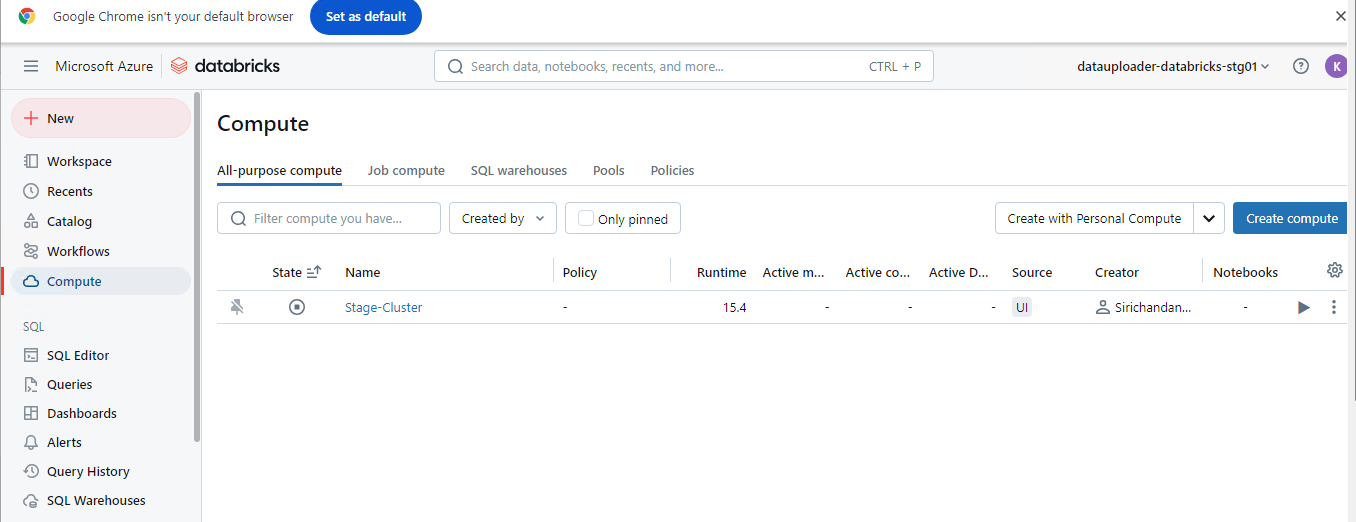
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Step 9: at last, click on create compute on bottom , cluster is now created.

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Step 10: cluster is now created.



Step 11: now next part is to create mount for storage account.

Create new notebook and write mounting related code snippet

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Is everything goes fine you can able to mount related with storage account.

# ADF Setup

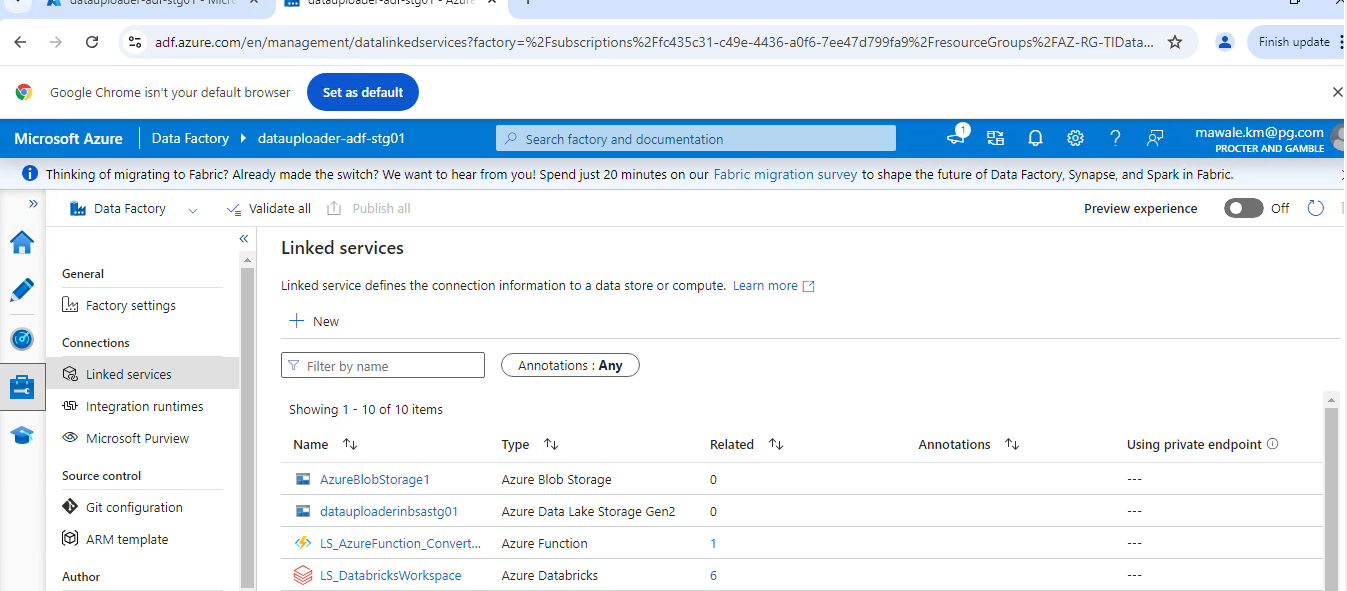
Step 1: open azure portal and select desired data factory and click on launch studio.

A computer screen shot of a computer

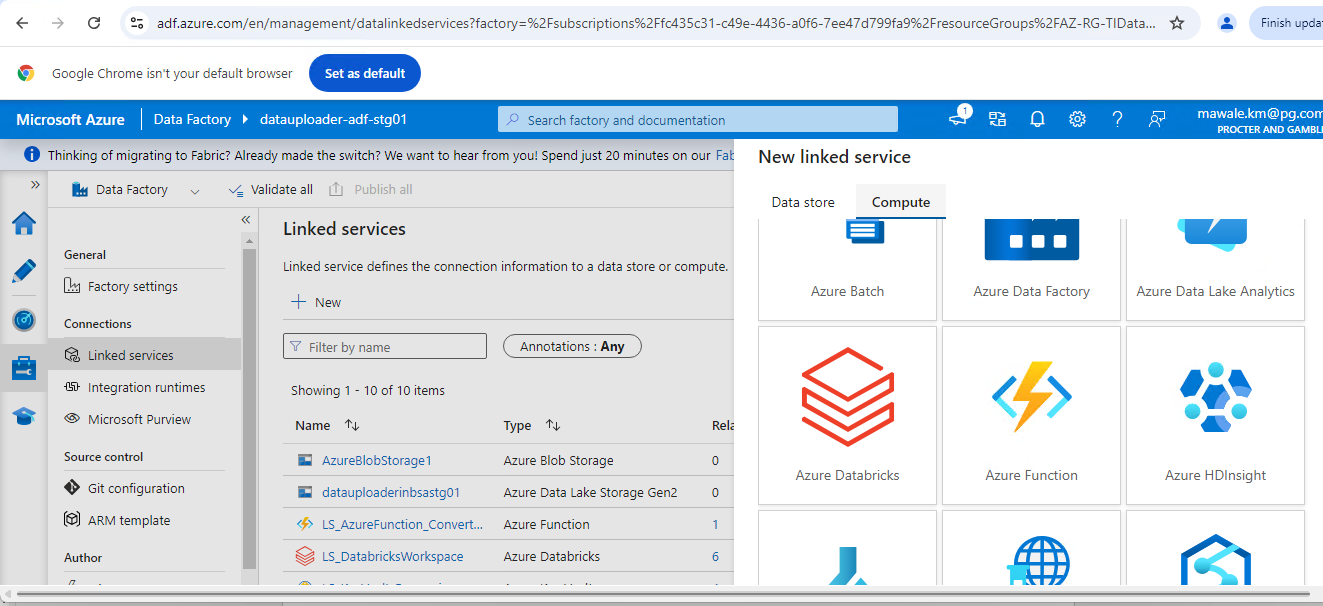
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Step 2: now in ADF we need to create Linked services and data sets to configure ADF.

Click on manage tab on left pane

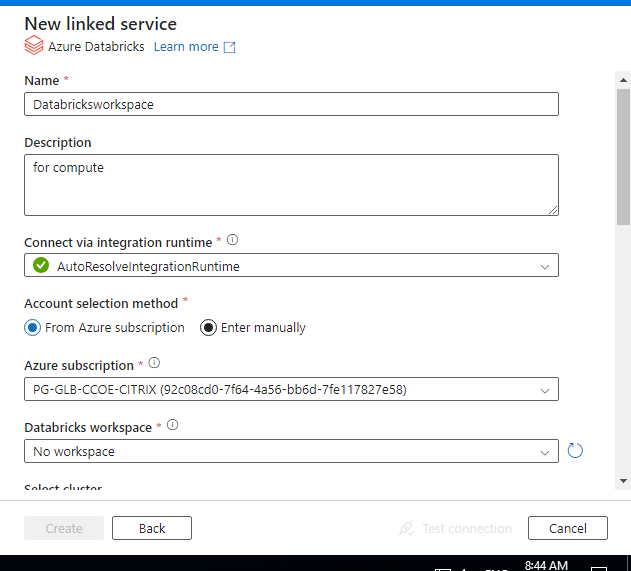


Step 3: Click on +new and select type of data service needs to be created



Step 4:

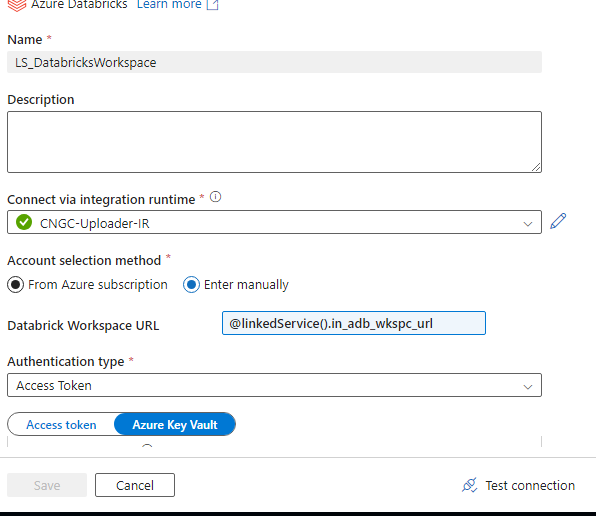
Provide details like, name, subscription, identity description etc



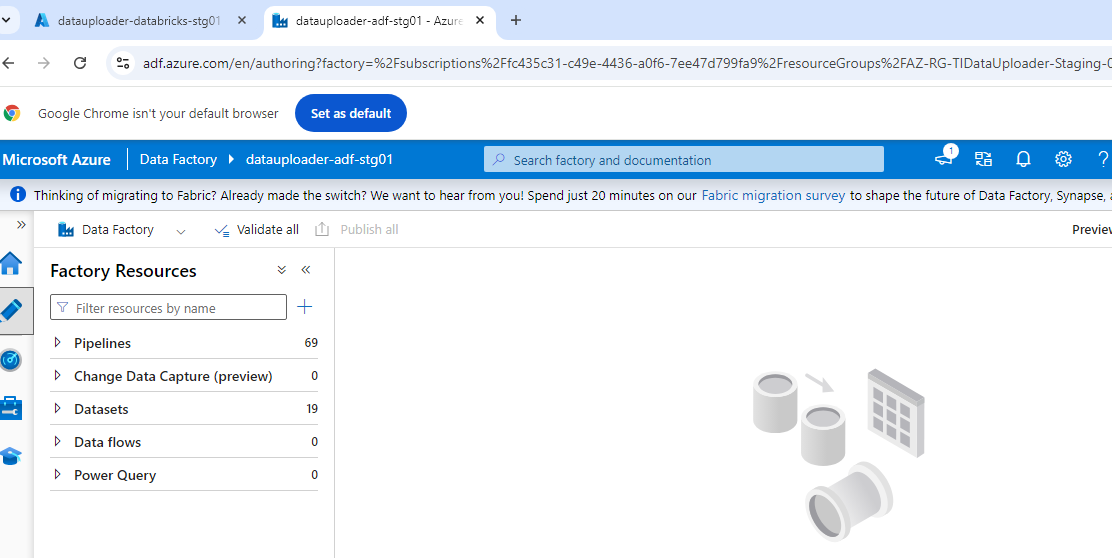
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Step 5: click on create and test connection, like wise create every needed linked services with details required .



Step 6: Now click on author tab on left pane and select data set



Step 7: click on new data set

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Step 8: select format

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Step 9: provide the details

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Step 10: click on ok

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# SQL Setup

* **User and Role Management**

**Query to Retrieve All Roles and Users**

SELECT u.name AS UserName, r.name AS RoleName

FROM sys.database\_principals u

JOIN sys.database\_role\_members rm ON u.principal\_id =rm.member\_principal\_id

JOIN sys.database\_principals r ON rm.role\_principal\_id = r.principal\_id ORDER BY u.name, r.name;

**Creating a Login**

CREATE LOGIN <loginname>

WITH PASSWORD = '<your\_password>';

**Creating a User**

CREATE USER <username>

FOR LOGIN <loginname>;

GO

GRANT CONNECT TO <username>;

**Adding a Role**

CREATE ROLE <role\_name> AUTHORIZATION [dbo];

GO

ALTER ROLE <role\_name> ADD MEMBER <username>;

GO

* **Sequence Initialization**

**Query to Select All Sequences**

SELECT

SCHEMA\_NAME(schema\_id) AS SchemaName,

name AS SequenceName

FROM

sys.sequences

ORDER BY

SchemaName, SequenceName;

**Creating a Sequence**

CREATE SEQUENCE [schema\_name].[seq\_name]

AS [bigint]

START WITH 1

INCREMENT BY 1

MINVALUE -9223372036854775808

MAXVALUE 9223372036854775807

CACHE 10;

GO

* **Metadata Initialization**

**Query to Retrieve All Tables**

SELECT

schema\_name(t.schema\_id) AS schema\_name,

t.name AS table\_name

FROM

sys.tables t

ORDER BY

schema\_name, table\_name;

**Query to Retrieve All Views**

SELECT

schema\_name(v.schema\_id) AS schema\_name,

v.name AS view\_name

FROM

sys.views v

ORDER BY

schema\_name, view\_name;

**Query to Retrieve All Stored Procedures**

SELECT

schema\_name(p.schema\_id) AS schema\_name,

p.name AS procedure\_name

FROM

sys.procedures p

ORDER BY

schema\_name, procedure\_name;

* **Implementation Steps**

**Create Necessary Tables, Views, and Stored Procedures**

* Use the provided SQL scripts to create the required database objects.

**Execute Metadata Scripts**

* + After creating the tables, views, and stored procedures, run the metadata queries in the specified order.
  + Make necessary modifications to match your specific table names, view names, stored procedure names, or sequence values.
  + Once all scripts execution is completed please verify all metadata tables and insert values into them manually if any of them are missed during scripts execution.



# RITM’s raised for whitelisting



# Issues

