**Snowflake - Loading data from Azure**

Step 1 : create storage account + create resource group

Step 2 : under storage account, create new container , upload file into the container

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| Step 1 |  |
| Step 2 |  |

Step 3 : Create storage integration between Snowflake and Azure

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| Step 3 | CREATE OR REPLACE STORAGE INTEGRATION azure\_snowpipe\_integration  type = external\_stage  storage\_provider = AZURE  enabled = true  azure\_tenant\_id = 'dc3414a4-225c-4f6f-9142-014dec12ca6a'  storage\_allowed\_locations = ('azure://snowflakeaccount02.blob.core.windows.net/container01'); |

Step 3-1 : Azure Tenant ID => can be found in the service [ Entra ID ]

Step 3-2 : storage\_allowed\_locations => container properties with URL information , remove https

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| Step3-1 |  |
| Step3-2 |  |

## Step 4 :  Describe integration object to provide AZURE Consent URL access

In order to write and read

--Get Azure Consent URL information

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| Step 4 | DESC integration azure\_snowpipe\_integration; |
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## Step 4 -1: Consent URL copy paste and click consent

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| Step 4-1 |  |

## Step 4 -2:   Storage account => Access Control

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| Step4-2 |  |

## Step 4 -3:Role assign : storage blob data Contributor

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| Step4-3 |  |

## Step 4 -4: Select members

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| Step4-4 |  |

## Step 5 : create file format object

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| Step 5 | CREATE OR REPLACE file format fileformat\_azure  type = 'csv'  field\_delimiter = ','  skip\_header = 1; |

## Step 6 : Create Stage Object with Integration object

URL => check Step 3-2 : storage\_allowed\_locations

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| Step 6 | CREATE OR REPLACE STAGE azure\_sample.public.stg\_azure\_cont  URL = 'azure://snowflakeaccount02.blob.core.windows.net/container01'  STORAGE\_INTEGRATION = azure\_snowpipe\_integration  FILE\_FORMAT = fileformat\_azure; |

## Step 7 : create table

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| Step 7 | create or replace TABLE AZURE\_SAMPLE.PUBLIC.SAMPLE\_DATA\_AZURE (  ORDER\_ID VARCHAR(255),  ORDER\_ITEM\_ID NUMBER(38,0),  PRODUCT\_ID VARCHAR(255),  SELLER\_ID VARCHAR(255),  SHIPPING\_LIMIT\_DATE DATE,  PRICE NUMBER(38,0),  FREIGHT\_VALUE NUMBER(38,0)  ); |

## Step 8: USE COPY Command to load the files

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| Step 8 | COPY INTO AZURE\_SAMPLE.PUBLIC.SAMPLE\_DATA\_AZURE  FROM @azure\_sample.public.stg\_azure\_cont  File\_format = fileformat\_azure  ON\_ERROR = CONTINUE; |

## Step 9: Check Data :

SELECT \* FROM SAMPLE\_DATA\_AZURE ;

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| Step9 | A screenshot of a computer  Description automatically generated |