Integrating AWS and SnowFlake

1) **Create a Bucket**

   >> Create a Bucket with general configuration

   >> Object ownership set to ACL's Disabled

   >> Block public access

   >> Bucket versioning Disabled

   >> Encryption key type >Amazon S3-managed keys (SSE-S3)

   >> Bucket key enable

2) **Create a folder in the object**

   >> Folder name

   >> Amazon S3-managed keys >SSE-S3

3) **IAM**

   >> Rloes

   >> Create role

   >> trusted entity type AWS Account

   >> AWS Account> this account

   >> options > Required external ID>00000

   >> AmazonS3 Full access

   >> role details

   >> Create Role (arn:aws:iam::975362200552:role/snowconnect)

4) **This query is used to integrate the object storage in Aws to snowflake by using IAM policy**

   CREATE STORAGE INTEGRATION kintegration

   TYPE = EXTERNAL_STAGE

   STORAGE_PROVIDER = S3

   ENABLED = TRUE

   STORAGE_AWS_ROLE_ARN ='arn:aws:iam::975362200552:role/snowconnect'

STORAGE_ALLOWED_LOCATIONS ('s3://nkasam/csvfiledump/autos_updates.csv');

Successfully created an integration

5) Desc integration kintegration; // gives the description of the file

Objects   ≡ Editor   ↳ Results   ∿ Chart

	property	property_type	property_value	property_default
1	ENABLED	Boolean	true	false
2	STORAGE_PROVIDER	String	S3	
3	STORAGE_ALLOWED_LOCATIONS	List	s3://nkasam/csvfiledump/autos_updated.csv	[]
4	STORAGE_BLOCKED_LOCATIONS	List		[]
5	STORAGE_AWS_IAM_USER_ARN	String	arn:aws:iam::232131462640:user/vsp40000-s	
6	STORAGE_AWS_ROLE_ARN	String	arn:aws:iam::975362200552:role/snowconnect	
7	STORAGE_AWS_EXTERNAL_ID	String	DW51926_SFCRole=2_iNSrQwkh/idNCOUoPHsmfT5KeGI=	
8	COMMENT	String		