/// **CREATED PATH FOR PIPELINE**

CREATE OR REPLACE STORAGE integration s3\_int

TYPE = EXTERNAL\_STAGE

STORAGE\_PROVIDER = S3

ENABLED = TRUE

STORAGE\_AWS\_ROLE\_ARN = 'arn:aws:iam::460186036642:role/retailrole'

STORAGE\_ALLOWED\_LOCATIONS = ('s3://retail.raw/');

DESC integration s3\_int;

create or replace STAGE RETAIL

URL = 's3://retail.raw'

FILE\_FORMAT= CSV\_FORMAT

storage\_integration = s3\_int;

list@RETAIL;

show STAGES;

show PIPES;

-- **CREATE SNOWPIPE THAT RECOGNISES CSV THAT ARE INGESTED FROM EXTERNAL STAGE AND COPIES THE DATA INTO EXISTING TABLE**

**-- The AUTO\_INGEST=true parameter specifies to read**

**-- Event notifications sent from an S3 bucket to an SQS queue when new data is ready to load.**

CREATE OR REPLACE PIPE BANK\_SNOWPIPE\_CAMPAIGN\_DESC AUTO\_INGEST = TRUE AS

**–your database -- your schema ---your table**

COPY INTO "RETAIL"."PUBLIC"."CAMPAIGN\_DESC\_RAW"

FROM '@RETAIL/CAMPAIGN\_DESC/' --s3 bucket subfolde4r name

FILE\_FORMAT = CSV\_FORMAT;

CREATE OR REPLACE PIPE BANK\_SNOWPIPE\_CAMPAIGN AUTO\_INGEST = TRUE AS

COPY INTO "RETAIL"."PUBLIC"."CAMPAIGN\_RAW"

FROM '@RETAIL/CAMPAIGN/'

FILE\_FORMAT = CSV\_FORMAT;

CREATE OR REPLACE PIPE BANK\_SNOWPIPE\_COUPON\_REDEMPT AUTO\_INGEST = TRUE AS

COPY INTO "RETAIL"."PUBLIC"."COUPON\_REDEMPT\_RAW"

FROM '@RETAIL/COUPON\_REDEMPT/'

FILE\_FORMAT = CSV\_FORMAT;

CREATE OR REPLACE PIPE BANK\_SNOWPIPE\_COUPON AUTO\_INGEST = TRUE AS

COPY INTO "RETAIL"."PUBLIC"."COUPON\_RAW"

FROM '@RETAIL/COUPON/'

FILE\_FORMAT = CSV\_FORMAT;

CREATE OR REPLACE PIPE BANK\_SNOWPIPE\_DEMOGRAPHIC AUTO\_INGEST = TRUE AS

COPY INTO "RETAIL"."PUBLIC"."DEMOGRAPHIC\_RAW"

FROM '@RETAIL/DEMOGRAPHIC/'

FILE\_FORMAT = CSV\_FORMAT;

CREATE OR REPLACE PIPE BANK\_SNOWPIPE\_PRODUCT AUTO\_INGEST = TRUE AS

COPY INTO "RETAIL"."PUBLIC"."PRODUCT\_RAW"

FROM '@RETAIL/PRODUCT/'

FILE\_FORMAT = CSV\_FORMAT;

CREATE OR REPLACE PIPE BANK\_SNOWPIPE\_TRANSACTION AUTO\_INGEST = TRUE AS

COPY INTO "RETAIL"."PUBLIC"."TRANSACTION\_RAW"

FROM '@RETAIL/TRANSACTION/'

FILE\_FORMAT = CSV\_FORMAT;

SELECT count(\*) FROM PRODUCT\_RAW;

SELECT count(\*) FROM DEMOGRAPHIC\_RAW;

SELECT count(\*) FROM TRANSACTION\_RAW;

SELECT count(\*) FROM COUPON\_RAW;

SELECT count(\*) FROM COUPON\_REDEMPT\_RAW;

SELECT count(\*) FROM CAMPAIGN\_RAW;

SELECT count(\*) FROM CAMPAIGN\_DESC\_RAW;

ALTER PIPE BANK\_SNOWPIPE\_PRODUCT refresh;

ALTER PIPE BANK\_SNOWPIPE\_DEMOGRAPHIC refresh;

ALTER PIPE BANK\_SNOWPIPE\_TRANSACTION refresh;

ALTER PIPE BANK\_SNOWPIPE\_COUPON refresh;

ALTER PIPE BANK\_SNOWPIPE\_COUPON\_REDEMPT refresh;

ALTER PIPE BANK\_SNOWPIPE\_CAMPAIGN refresh;

ALTER PIPE BANK\_SNOWPIPE\_CAMPAIGN\_DESC refresh;

SELECT \* FROM PRODUCT\_RAW;

SELECT \* FROM DEMOGRAPHIC\_RAW;

SELECT \* FROM TRANSACTION\_RAW;

SELECT \* FROM COUPON\_RAW;

SELECT \* FROM COUPON\_REDEMPT\_RAW;

SELECT \* FROM CAMPAIGN\_RAW;

SELECT \* FROM CAMPAIGN\_DESC\_RAW;