USE ACCOUNTADMIN;

CREATE WAREHOUSE IF NOT EXISTS INGEST;

CREATE ROLE IF NOT EXISTS INGEST;

GRANT USAGE ON WAREHOUSE INGEST TO ROLE INGEST;

GRANT OPERATE ON WAREHOUSE INGEST TO ROLE INGEST;

CREATE DATABASE IF NOT EXISTS INGEST;

USE DATABASE INGEST;

CREATE SCHEMA IF NOT EXISTS INGEST;

USE SCHEMA INGEST;

GRANT OWNERSHIP ON DATABASE INGEST TO ROLE INGEST;

GRANT OWNERSHIP ON SCHEMA INGEST.INGEST TO ROLE INGEST;

CREATE USER INGEST PASSWORD='<REDACTED>' LOGIN\_NAME='INGEST' MUST\_CHANGE\_PASSWORD=FALSE, DISABLED=FALSE, DEFAULT\_WAREHOUSE='INGEST', DEFAULT\_NAMESPACE='INGEST.INGEST', DEFAULT\_ROLE='INGEST';

GRANT ROLE INGEST TO USER INGEST;

SET USERNAME=CURRENT\_USER();

GRANT ROLE INGEST TO USER IDENTIFIER($USERNAME);

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To generate a key pair for the INGEST user, run the following in your shell:

openssl genrsa 4096 | openssl pkcs8 -topk8 -inform PEM -out rsa\_key.p8 -nocrypt

openssl rsa -in rsa\_key.p8 -pubout -out rsa\_key.pub

echo "ALTER USER INGEST SET RSA\_PUBLIC\_KEY='`cat ./rsa\_key.pub`';"



in your shell:

PRVK=`cat ./rsa\_key.p8 | grep -v KEY- | tr -d '\012'`

echo "PRIVATE\_KEY=$PRVK"



Add these variables to a new .env file in your project:

SNOWFLAKE\_ACCOUNT=<ACCOUNT\_HERE>

SNOWFLAKE\_USER=INGEST

PRIVATE\_KEY=<PRIVATE\_KEY\_HERE>



USE ROLE INGEST;

*-- Table for Kpop Demon Hunter merchandise orders based on inventory list*

CREATE OR REPLACE TABLE CLIENT\_SUPPORT\_ORDERS (

TXID VARCHAR(255) NOT NULL,

RFID VARCHAR(255) NOT NULL,

ITEM VARCHAR(255) NOT NULL, *--*

EXPIRATION\_TIME DATE NOT NULL,

DAYS NUMBER NOT NULL,

NAME VARCHAR(255) NOT NULL,

ADDRESS VARIANT, *-- JSON object with street\_address, city, state, postalcode*

PHONE VARCHAR(255), *-- Nullable*

EMAIL VARCHAR(255), *-- Nullable*

EMERGENCY\_CONTACT VARIANT, *-- JSON object with name and phone*

*PRIMARY KEY* (TXID)

);

*-- Add comments for clarity*

*COMMENT* ON TABLE CLIENT\_SUPPORT\_ORDERS IS 'Customer orders for Kpop Demon Hunter merchandise inventory';

*COMMENT* ON COLUMN CLIENT\_SUPPORT\_ORDERS.ITEM IS 'Product from Kpop Demon Hunter merchandise inventory';

*COMMENT* ON COLUMN CLIENT\_SUPPORT\_ORDERS.ADDRESS IS 'JSON: {street\_address, city, state, postalcode} or NULL';

*COMMENT* ON COLUMN CLIENT\_SUPPORT\_ORDERS.EMERGENCY\_CONTACT IS 'JSON: {name, phone} or NULL';

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