Creating tables in Snowflake.

There are 3 types of tables in snowflake. They are permanent tables, temporary tables and transient tables.

Below code demonstrates the creation of these 3 tables.

In Snowflake the tables exist under schema and schema exist under database.

Database 🡺 Schema 🡺 Tables

-- Set context

USE ROLE ACCOUNTADMIN;

USE WAREHOUSE COMPUTE\_WH;

-- Create database and schema

CREATE DATABASE test\_db;

CREATE SCHEMA test\_schema;

-- Creating the permanent table

CREATE TABLE PERMANENT\_TABLE

(

gender STRING,

length FLOAT,

diameter FLOAT,

height FLOAT,

whole\_wt FLOAT,

shucked\_wt FLOAT,

viscera\_wt FLOAT,

shell\_wt FLOAT,

rings FLOAT,

age FLOAT

);

SHOW TABLES;

-- Set context

USE ROLE ACCOUNTADMIN;

USE WAREHOUSE COMPUTE\_WH;

-- Create database and schema

USE DATABASE test\_db;

USE SCHEMA test\_schema;

-- Creating the TEMPORARY table

CREATE TABLE TEMPORARY\_TABLE

(

gender STRING,

length FLOAT,

diameter FLOAT,

height FLOAT,

whole\_wt FLOAT,

shucked\_wt FLOAT,

viscera\_wt FLOAT,

shell\_wt FLOAT,

rings FLOAT,

age FLOAT

);

-- Creating the transient table

CREATE TABLE TRANSIENT\_TABLE

(

gender STRING,

length FLOAT,

diameter FLOAT,

height FLOAT,

whole\_wt FLOAT,

shucked\_wt FLOAT,

viscera\_wt FLOAT,

shell\_wt FLOAT,

rings FLOAT,

age FLOAT

);

SHOW TABLES command displays all the tables created and the type of each table.

A screenshot of a computer

Description automatically generated