```sql
--
-- ER/Studio Data Architect SQL Code Generation
-- Project :      Model2.DM1
--
-- Date Created : Thursday, October 02, 2025 16:40:53
-- Target DBMS : Snowflake
--


--
-- TABLE: DimCategory
--

CREATE TABLE DimCategory(
    Category_Key     INT               NOT NULL,
    Category_ID      INT,
    Category_Name    VARCHAR(100),
    CONSTRAINT PK11 PRIMARY KEY (Category_Key)
)
;



--
-- TABLE: DimCustomer
--

CREATE TABLE DimCustomer(
    Customer_Key     INT               NOT NULL,
    Customer_ID      INT,
    First_Name       VARCHAR(100),
    Last_Name        VARCHAR(100),
    Email            VARCHAR(255),
    Address          VARCHAR(255),
    City             VARCHAR(100),
    Join_Date        DATE,
    CONSTRAINT PK8 PRIMARY KEY (Customer_Key)
)
;



--
-- TABLE: DimDate
--

CREATE TABLE DimDate(
    Date_Key     INT     NOT NULL,
    Full_Date    DATE,
    Day          INT,
    Week         INT,
    Month        INT,
    Quarter      INT,
    Year         INT,
    CONSTRAINT PK4 PRIMARY KEY (Date_Key)
)
;



--
-- TABLE: DimMovie
--

CREATE TABLE DimMovie(
    Movie_Key        INT               NOT NULL,
    Movie_ID         INT,
    Title            VARCHAR(255),
    Release_Year     INT,
    Language         VARCHAR(50),
    Rating           VARCHAR(10),
    Length           INT,
    CONSTRAINT PK7 PRIMARY KEY (Movie_Key)
)
;



--
-- TABLE: DimStaff
--

CREATE TABLE DimStaff(
```

```sql
    Staff_Key     INT                  NOT NULL,
    Staff_ID      INT,
    First_Name    VARCHAR(100),
    Last_Name     VARCHAR(100),
    Store_ID      INT,
    CONSTRAINT PK10 PRIMARY KEY (Staff_Key)
)
;




--
-- TABLE: DimStore
--

CREATE TABLE DimStore(
    Store_Key     INT                  NOT NULL,
    Store_ID      INT,
    Address       VARCHAR(255),
    City          VARCHAR(100),
    Country       VARCHAR(100),
    CONSTRAINT PK9 PRIMARY KEY (Store_Key)
)
;




--
-- TABLE: FactRental
--

CREATE TABLE FactRental(
    Rental_Key      INT                  NOT NULL,
    Movie_Key       INTEGER              NOT NULL,
    Date_Key        INTEGER              NOT NULL,
    Category_Key    INTEGER              NOT NULL,
    Store_Key       INTEGER              NOT NULL,
    Customer_Key    INTEGER              NOT NULL,
    Staff_Key       INTEGER              NOT NULL,
    Rental_Count    INT,
    Revenue         DECIMAL(10, 2),
    Days_Rented     INT,
    CONSTRAINT PK13 PRIMARY KEY (Movie_Key, Date_Key, Category_Key, Store_Key, Customer_Key, Staff_Key,
Rental_Key)
)
;




--
-- TABLE: FactRental
--

ALTER TABLE FactRental ADD CONSTRAINT RefDimDate2
    FOREIGN KEY (Date_Key)
    REFERENCES DimDate(Date_Key)
;

ALTER TABLE FactRental ADD CONSTRAINT RefDimCategory3
    FOREIGN KEY (Category_Key)
    REFERENCES DimCategory(Category_Key)
;

ALTER TABLE FactRental ADD CONSTRAINT RefDimStore4
    FOREIGN KEY (Store_Key)
    REFERENCES DimStore(Store_Key)
;

ALTER TABLE FactRental ADD CONSTRAINT RefDimCustomer5
    FOREIGN KEY (Customer_Key)
    REFERENCES DimCustomer(Customer_Key)
;

ALTER TABLE FactRental ADD CONSTRAINT RefDimStaff6
    FOREIGN KEY (Staff_Key)
    REFERENCES DimStaff(Staff_Key)
;

ALTER TABLE FactRental ADD CONSTRAINT RefDimMovie1
    FOREIGN KEY (Movie_Key)
    REFERENCES DimMovie(Movie_Key)
;
```