**Dim To Details Project**

1. Create store\_dim Table in snowflake under created new database into public schema

CREATE TABLE store\_dim (

store\_key INTEGER AUTOINCREMENT PRIMARY KEY,

store\_name VARCHAR(255),

store\_city VARCHAR(255),

store\_state VARCHAR(2)

);

1. Create product\_dim table in snowflake under new database into public schema

create or replace TABLE PRODUCT\_DIM (

PRODUCT\_KEY NUMBER(38,0) NOT NULL autoincrement,

PRODUCT\_NAME VARCHAR(255),

PRODUCT\_CATEGORY VARCHAR(255),

primary key (PRODUCT\_KEY)

);

1. Create retailsalesfact table in snowflake under new database into public schema

CREATE OR REPLACE TABLE RetailSalesFact (

"STORE\_KEY" INT,

"PRODUCT\_KEY" INT,

"QUANTITY" INT,

"SALES\_AMOUNT" DECIMAL(18, 2)

);

1. After creating table upload dataset to each table
2. Finally run this code in dbt to view table.
3. Open project file by vs code
4. Go to model folder
5. Delete example folder
6. Create a file name: purchase\_details\_query.sql
7. Pest following code.

*-- models/purchase\_details\_query.sql*

WITH PurchaseDetailsRaw AS (

    SELECT

        S.STORE\_NAME,

        S.STORE\_CITY,

        S.STORE\_STATE,

        P.PRODUCT\_NAME,

        SUM(R.QUANTITY) AS QUANTITY,

        SUM(R.SALES\_AMOUNT) AS SALES\_AMOUNT

    FROM DIM\_FACT\_DB.PUBLIC.STORE\_DIM AS S

    JOIN DIM\_FACT\_DB.PUBLIC.RetailSalesFact AS R

    ON S.STORE\_KEY = R.STORE\_KEY

    JOIN DIM\_FACT\_DB.PUBLIC.PRODUCT\_DIM AS P

    ON R.PRODUCT\_KEY = P.PRODUCT\_KEY

    GROUP BY

        S.STORE\_NAME,

        S.STORE\_CITY,

        S.STORE\_STATE,

        P.PRODUCT\_NAME

)

SELECT

    STORE\_NAME,

    STORE\_CITY,

    STORE\_STATE,

    PRODUCT\_NAME,

    QUANTITY,

    SALES\_AMOUNT

FROM PurchaseDetailsRaw

1. Go to cmd where venv is activated.
2. Run : dbt run
3. Go to database on snowflake
4. Then view the combined table inside view schema.