**SNOWFLAKE ASSIGNMENT 1**

USE sales\_data;

CREATE OR REPLACE TABLE SALESTABLE -- CREATED SALES TABLE

(OrderID VARCHAR(20),

Orderdate DATE PRIMARY KEY,

Shipdate DATE,

ShipMode VARCHAR(20),

CustomerName VARCHAR(100),

Segment VARCHAR(20),

State VARCHAR(100),

Country VARCHAR(100),

Market VARCHAR(20),

Region VARCHAR(20),

productID VARCHAR(20),

Category VARCHAR(20),

SubCategory VARCHAR(20),

ProductName VARCHAR(200),

Sale INT,

Qauntity INT,

Discount DECIMAL(5,2),

Profit DECIMAL(10,5),

ShippingCost DECIMAL(10,5),

OrderPriority VARCHAR(15),

YER INT );

DESCRIBE TABLE SALESTABLE

SELECT \* FROM SALESTABLE;

--DROPPED THE PRIMARY KEY WHICH WAS ORDERDATE

ALTER TABLE SALESTABLE

DROP primary key;

-- ADDED NEW PRIMARY KEY WHICH IS ORDERID

ALTER TABLE SALESTABLE

ADD PRIMARY KEY(OrderID);

--EXTRACTED NUMBERS AFTER LAST - FROM ORDERID

SELECT SUBSTRING(OrderID,9) AS Order\_Extract FROM SALESTABLE;

--CREATED NEW COLUMN CALLED DISCOUNT\_FLAG

SELECT \* ,

CASE

WHEN Discount > 0 then 'YES'

ELSE 'NO'

END Discount\_Flag

FROM SALESTABLE ;

--CALCULATED THE NUMBER OF DAYS BETWEEN ORDERDATE AND SHIPDATE

SELECT DATEDIFF(day, Orderdate, Shipdate) as Process\_days FROM SALESTABLE ;

--CREATED NEW COLUMN CALLED RATINGS

SELECT \*, DATEDIFF(day, Orderdate, Shipdate) as Process\_days ,

CASE

WHEN Process\_days <=3 THEN '5'

WHEN Process\_days > 3 AND Process\_days <=6 THEN '4'

WHEN Process\_days > 6 AND Process\_days <= 10 THEN '3'

WHEN Process\_days > 10 THEN '2'

END AS Ratings

FROM SALESTABLE;