CHECKSUM: 1537

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AI-generated content may be incorrect.

SELECT \* FROM pd2022;

DROP TABLE IF EXISTS stagingTable;

CREATE TABLE stagingTable (

yearInt INT(4),

monthInt INT(2),

state CHAR(2),

country CHAR(3),

region VARCHAR(25),

customer\_id INT,

product\_name VARCHAR(25),

unitPrice INT,

quantity INT,

quantityDiscount INT,

orderTotal INT

);

-- Insert 2022 Data

INSERT INTO stagingTable(monthInt, state, country, region, product\_name, unitPrice, quantity, orderTotal)

SELECT

Month,

State,

Country,

Region,

Product,

"Per-Unit\_Price",

Quantity,

Order\_Total

FROM pd2022;

UPDATE stagingTable SET yearInt = 2022 WHERE yearInt IS NULL;

SELECT \* FROM stagingTable;

-- Insert 2023 Data

INSERT INTO stagingTable(monthInt, region, customer\_id, product\_name, unitPrice, quantity, orderTotal)

SELECT

Month,

Region,

Customer\_ID,

Product,

"Per-Unit\_Price",

Quantity\_1 + Quantity\_2,

"Per-Unit\_Price" \* (Quantity\_1 + Quantity\_2)

FROM pd2023;

UPDATE stagingTable SET yearInt = 2023 WHERE yearInt IS NULL;

-- Insert 2024 Data

INSERT INTO stagingTable(monthInt, country, region, state, product\_name, unitPrice, quantity, quantityDiscount, orderTotal)

SELECT

Month,

Country,

Region,

State,

Product,

"Per-Unit\_Price",

Quantity,

"Quantity\_Discount",

"Order\_Subtotal" - "Quantity\_Discount"

FROM pd2024;

UPDATE stagingTable SET yearInt = 2024 WHERE yearInt IS NULL;

SELECT yearInt, COUNT(\*) AS num\_records FROM stagingTable GROUP BY yearInt;

SELECT region, yearInt, monthInt, COUNT(\*)

FROM stagingTable

WHERE monthInt = 5

GROUP BY region, yearInt, monthInt;

SELECT yearInt, monthInt, state, customer\_id, product\_name, orderTotal

FROM stagingTable

WHERE product\_name = 'Big Waffle' AND monthInt = 4

ORDER BY product\_name, yearInt, monthInt, state, customer\_id, orderTotal;

SELECT SUM(yearInt \* monthInt \* orderTotal) % 2341 AS checksum FROM stagingTable;