CREATE TABLE goldlayer.avg\_order\_value (

TransactionType STRING, -- 'Online' or 'InStore'

ProductID INT64,

Category STRING,

StoreID INT64,

Location STRING,

AvgOrderValue FLOAT64

);  
  
  
INSERT INTO goldlayer.avg\_order\_value (

TransactionType, ProductID, StoreID, AvgOrderValue

)

SELECT

'Online' AS TransactionType,

ProductID,

NULL AS StoreID,

SUM(Amount) / COUNT(OrderID) AS AvgOrderValue

FROM silverlayer.onlinetransactions

GROUP BY ProductID;

INSERT INTO goldlayer.avg\_order\_value (

TransactionType, ProductID, StoreID, AvgOrderValue

)

SELECT

'InStore' AS TransactionType,

NULL AS ProductID,

StoreID,

SUM(Amount) / COUNT(TransactionID) AS AvgOrderValue

FROM silverlayer.instoretransactions

GROUP BY StoreID;

**Aggregation result:**

A screenshot of a computer

AI-generated content may be incorrect.

To avoid duplication in in development phase:

CREATE OR REPLACE TABLE goldlayer.avg\_order\_value AS

SELECT

'Online' AS TransactionType,

ProductID,

NULL AS StoreID,

SUM(Amount) / COUNT(OrderID) AS AvgOrderValue

FROM silverlayer.onlinetransactions

GROUP BY ProductID

UNION ALL

SELECT

'InStore' AS TransactionType,

NULL AS ProductID,

StoreID,

SUM(Amount) / COUNT(TransactionID) AS AvgOrderValue

FROM silverlayer.instoretransactions

GROUP BY StoreID;